Hall Drilling exception locations Mary Post 1-6

**Docket 197-190** 

# BEFORE THE OIL AND GAS CONSERVATION COMMISSION OF THE STATE OF WEST VIRGINIA

IN THE MATTER OF THE REQUEST BY
HALL DRILLING, LLC FOR AN EXCEPTION DOCKET NO. 197
LOCATION REGARDING THE DRILLING OF CAUSE NO. 190
THE PROPOSED MARY POST 1, 2, 3, 4 AND 6
WELLS TO BE LOCATED IN TENMILE DISTRICT,
HARRISON COUNTY, WEST VIRGINIA.

adduced in the above-entitled matter, on the on the 2<sup>md</sup> day of April, 2009, commencing at 10:00 a.m. and concluding at 11:00 a.m., at the Office of the Department of Environmental Protection, 601 57<sup>th</sup> Street, S.E., Charleston, Kanawha County, West Virginia, pursuant to notice to all interested parties.

BEFORE: BARRY LAY, Chairman

JAMES MARTIN, Member ANTHONY GUM, Member

ROBERT RADABAUGH, Member CYNTHIA RAINES, Staff

ORIGINAL

NANCY MCNEALY
CERTIFIED COURT REPORTER

Post Office Box 13415 Charleston, West Virginia 25360-0415 (304) 988-2873 FAX (304) 988-1419 APPEARANCES:

ON BEHALF OF HALL DRILLING:

THOMAS WINCE

215 E. Washington Avenue

Post Office Box 249

Ellenboro, West Virginia 26346

# I N D E X

Applica	ant's Witness:	<u>Direct</u>		
Thomas	Wince	5		
Commiss	sion's Exhibits:		Marked	& Received
No. 2, No. 3,	Notice of Hearing Notice of Legal Adv Certified Mailing Applications	vertisement		4 4 4
Reporte	er's Certificate		Page	26

CHAIRMAN MARTIN: Before the Oil and Gas

Conservation Commission of the State of West Virginia in the matter of the Request by Hall Drilling, LLC for Exception Locations Regarding the Drilling of the Proposed Mary Post No. 1, 2, 3, 4, 5 & 6 to be Located in TenMile District, Harrison County, West Virginia. This is Docket 197, Cause No. 190.

Let the record show that present are members of the Commission James Martin, Anthony Gum, Barry Lay, Robert Radabaugh, and Cindy Raines of Staff.

I'd like to place of record as Exhibit 1, a copy of Notice of Hearing, Exhibit 2, a copy of an e-mail confirming the publication, Exhibit 3, a copy of the certified mail and Exhibit 4, copy of the applications

collectively.

(WHEREUPON, the Notice of Hearing was marked as Exhibit No. 1, an E-mail Confirming Publication was marked as Exhibit No. 2, a copy of the Certified Mailing was marked as Exhibit No. 3 and a copy of the Applications Collectively was marked for identification and received in evidence.)

CHAIRMAN LAY: And at this time the Commission will take appearances.

MR. WINCE: I'm Tom Wince with Hall Drilling, Field Engineer.

CHAIRMAN LAY: We can have the court reporter swear the witness.

(Witness sworn.)

THEREUPON

#### THOMAS WINCE

called as a witness for the Applicant, having been duly sworn, testified as follows:

CHAIRMAN LAY: Okay, do you want present evidence that you brought before us today.

#### DIRECT EXAMINATION

No. 1. Lease name Mary Post lease, Harrison, TenMile
District, acreage 169.16 acres, Well No. 1. Distance from
the nearest lease line approximately 100 feet as shown on
plat. Permitted deep wells within 3,000 feet, permit 4733-5211, Hall Drilling, Mary Post No. 7. Proposed deep
wells within 3,000, Hall Drilling, Mary Post No. 2, Mary
Post No. 3, Hall Drilling Mary Post No. 4, Hall Drilling
Mary Post No. 5, Hall Drilling Mary Post No. 6, applying
for deep well permit to drill within a 100 feet into the

1 Onondaga per code. Hall Drilling has no issue drilling 2 within 3,000 feet of our wells as those wells listed above 3 in relationship to the proposed Mary Post No. 1. CHAIRMAN LAY: Is there anything else that you 5 have with regard to the Mary Post No. 1? 6 THE WITNESS: Information, I just got the plats 7 with our package there handed out. 8 MR. RADABAUGH: One question I got, No. 7 was already drilled, right? 9 No, sir. 10 THE WITNESS: 11 MS. RAINES: It's been issued. 12 MR. RADABAUGH: Okay. Looking at the Mary Post 13 No. 1, and I think this is going to end up applying to all 14 these on the list, but you're asking to be within 3,000 15 feet -- No. 1 to be located within 3,000 feet of No. 7. 16 All these wells are going to be within a 3,000 feet --17 3,000 feet, but I don't see anywhere on the survey plat or 18 anything where the exact footage has been. 19 I can't remember if it was Hall's or 20 somebody in the past we had requested they have the -- to 21 show exactly what was going to be between the proposed 22 wells.

Okay.

CHAIRMAN LAY: I don't know whether any of the

THE WITNESS:

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1	other applications show the distance between the wells.
2	This is all one docket so I mean we can if you have
3	anything that would show the distance or relationship
4	between all the wells on the lease.
5	THE WITNESS: I do not have any documentation of
6	that. Are you guys looking for just on that lease or all
7	of our own wells within 3,000 feet?
8	CHAIRMAN LAY: Well, if there are any other deep
9	wells within 3,000 feet, certainly any of these wells. Now
10	it appears that on the plat it only shows one proposed
11	well; that there are no other. It says no known permitted
12	deep wells within 3,000 feet.
13	THE WITNESS: At that time we didn't have No. 7
14	
15	CHAIRMAN LAY: Permitted?
16	THE WITNESS: permitted, yeah.
17	CHAIRMAN LAY: But there are no other wells I
18	see the No. 7 on your map here.
19	THE WITNESS: Yeah.
20	CHAIRMAN LAY: Okay. Exactly what are you
21	requesting?
22	THE WITNESS: Approximately we're a 100 foot
23	from the lease line.

CHAIRMAN LAY: That's the second time you've said

1 approximately. How far are you? 2 THE WITNESS: Well, I can only go by the survey 3 They got 100 feet plus or minus so that's why I say 4 approximately 100 feet. The lease line goes with the road 5 there. Usually they'll physically tape out the distance 6 but I see Smith Land Survey and they've always used a plus 7 or minus. Now all of these wells that you're 8 MR. GUM: 9 drilling, they're all less than or approximately a 100 feet 10 from the lease -- from the border, the boundary line? 11 They're all a 100 feet or more THE WITNESS: 12 from the boundary line. 13 Is any of them 400 feet, 300 feet? 14 The No. 7 which we've already --THE WITNESS: 15 MR. GUM: Yeah. 16 CHAIRMAN LAY: So No. 7 meets the spacing 17 requirements of 400 feet? 18 THE WITNESS: Yes, sir. 19 CHAIRMAN LAY: So you're requesting an exception 20 to the 400 foot spacing rule and to the 3,000 foot spacing 21 rule; is that correct? THE WITNESS: 22 Yes, sir. 23 CHAIRMAN LAY: For the remaining six locations?

Mary Post is the mineral owner?

MR. MARTIN:

THE WITNESS: She owns the majority of the royalty, I believe. I believe she does.

MR. MARTIN: So is the configuration of the wells in terms of their location, was that kind of a mutually-agreed upon thing between her and --

we got along with her pretty easy. She was pretty pleased with our location spots. Due to terrain we've got wells on the ridge and we've got wells in the bottom and then we just had to space out. We spaced our wells out about 1,000 feet, so we utilized her lease as best as we can with the pattern that we came up with.

MR. MARTIN: Who controls the adjoining leases?

THE WITNESS: I know there's a firm called

Anterra. They are two leases over and I think some of the adjoining leases around are held by Production. I think

PDC has an adjoining lease. Some of the smaller tracts I could not tell you.

MR. MARTIN: So the locations if I'm looking at the No. 4, 5, 6 and, of course, 7 -- well, I believe it's already permitted, but those were all picked because of there being on the ridge; is that -- I mean that was the reason for this?

THE WITNESS: Yes, being able to drill, the

1 location was buildable on the ridge there. The way this 2 lease lays, you go up along the road, you have some bottom 3 and then you go up on the ridge, you got the ridge, and the 4 way it was -- it was wide enough to put wells on the bottom 5 and the ridge. 6 MR. GUM: Now you're drilling these wells, like 7 4, 5 and 6, only 1,000 feet apart? 8 1,000 feet. That's our minimum. THE WITNESS: 9 They could be more than a 1,000. It depends on the terrain 10 and we could find a suitable location. 11 CHAIRMAN LAY: You had no objections from the 12 surface owner with regard to drilling wells on a 1,000 feet 13 spacing? 14 No objections. THE WITNESS: 15 MR. MARTIN: I'm assuming that she had signed waivers. 16 I haven't noticed that. 17 THE WITNESS: Yes, she --18 MR. MARTIN: She's signed waivers on all these? 19 THE WITNESS: I've seen them signed. This was 20 staked out before I was employed, but I've seen the waivers 21 signed. 22 MR. RADABAUGH: I seen one in one of them. 23 CHAIRMAN LAY: The applications are in here.

Yeah, the No. 1 has got a waiver.

MR. MARTIN:

I think No. 2 has a waiver. 1 2 MR. GUM: But Mary Post does not own the surface? 3 CHAIRMAN LAY: According to this, she does. THE WITNESS: I believe she does. 4 5 MR. GUM: Okay, that's what I was --6 THE WITNESS: Yes. 7 CHAIRMAN LAY: Surface owner, Mary Post, et al. 8 Royalty owner Mary Post, et al. I don't know who the et al 9 is, but do you have their permission as well? 10 THE WITNESS: I can only assume that we do. 11 Like I said, this was staked up before my employment, but, 12 you know, we usually get the okay with all the involved 13 parties who has any interest in the surface. 14 CHAIRMAN LAY: She signed it as agent. 15 know what that means. Do you have any idea? 16 THE WITNESS: No, sir, I don't. Unless it could 17 be under a trust for --18 MR. GUM: You've got so many members in the 19 family that or own those leases or that gas under there. 20 CHAIRMAN LAY: It could be. 21 MR. GUM: And she's the agent as far as I know; 22 that's the only thing I could figure what it is to use the 23 word agent. 24 MR. MARTIN: Does someone live on the property?

1	THE WITNESS: No one lives on the lease tract.
2	I believe no one there's some old dwellings down at the
3	towards Route 50. The farm is leased and a guy runs
4	cattle on the farm and uses it for agriculture use so.
5	CHAIRMAN LAY: Is there a specific reason as to
6	why you're drilling the wells a 1,000 feet apart?
7	THE WITNESS: That's something we came up with
8	in-house, 1,000 feet in the Marcellus formation and we
9	haven't drilled anything closer than around 1,000. We
10	haven't had any communication that that's, so we've just
11	retained 1,000 foot spacing.
12	MR. MARTIN: What kind of completion do you
13	have on these? What kind of fracture treatment? These are
14	vertical wells, right?
15	THE WITNESS: These are just vertical wells,
16	yes.
17	MR. MARTIN: What kind of fracture treatment do
18	you have?
19	THE WITNESS: ' I don't know a whole lot about the
20	frac'ing process. I'm more of the land man field engineer,
21	but we use Universal Frac'ing Services and, you know, we
22	use the slick water with the sand.
23	MR. MARTIN: What kind of volumes?

THE WITNESS: Volumes, around 16,000 barrels was

I know the pit sizes we tried to have as far as the freshwater pit for the frac'ing company. It's around 15-, 16-, 17,000 is what I was told to make sure we have that size in the field so I don't know what they pumped into the well, I mean, and what they get in return.

MR. MARTIN: No nitrogen? It's just all 
THE WITNESS: Just slick water, yes.

MR. MARTIN: Do you know how much sand?

THE WITNESS: I honestly could not tell you. I remember some figures, you know, around the office there, but, you know, we have a frac engineer on board, Larry Reed. He takes care of that for us so with Universal.

MR. MARTIN: I don't remember your wells being that close together in the past.

CHAIRMAN LAY: They haven't been.

THE WITNESS: I believe they were around -- you know, we've had wells around 1,000 feet in the past. We haven't had them any closer than that, no.

CHAIRMAN LAY: Well, just looking at your map based upon the scale at the bottom and just using a pen, I don't have a scale with me, but it appears that some of them are less than a 1,000 feet on this map.

MR. RADABAUGH: I know if you look at this rec plan where they've got the road figures, you've got some of

them that are actually over a 1,000 feet. This one you've 1 2 got one here that's a 1,000. You've got another one that's 3 going to be over a 1,000. Down here is a 1,000. For all 4 intents and purposes, I think they are a 1,000 5 approximately at the minimum. 6 MR. MARTIN: Looks like between the 6 and 7 is 7 over a 1,000 roughly. The 5 and the 6 is right at a 1,000. 8 The 4 and the 5 maybe a little over, but the 2 and the 3 is 9 right at a 1,000 and the 1 and 7 is right at a 1,000 is 10 what I'm seeing. 11 MR. RADABAUGH: Yeah. 12 CHAIRMAN LAY: Yeah, that's pretty much at a 13 quess. The 3 and 4 maybe a little over a 14 MR. MARTIN: 15 So what you're saying is you believe your minimum 16 is a 1,000. 17 THE WITNESS: Yes. Our minimum is a 1,000. 18 But do you have -- I mean do you MR. MARTIN: 19 have a number that you shoot for? I mean do you shoot for 20 21 THE WITNESS: A 1,000 or over is what I shoot 22 for. 23 MR. MARTIN: And you're happy with a 1,000?

If it's a 1,000, yes.

THE WITNESS:

1	MR. MARTIN: You're not looking at 1,200 or
2	1,500 as the optimum spacing. You're looking at
3	THE WITNESS: It all depends on, you know, the
4	terrain you're on, if we can get a better location at 1,200
5	or 1,400 or 1,500.
6	MR. MARTIN: Well, let me ask it this way. If
7	the location issue is the same
8	THE WITNESS: Uh-huh (yes).
9	MR. MARTIN: would you be drilling at a
10	1,000 or 1,200?
11	THE WITNESS: If it would reserve the space
12	cause there's another well on the lease at a 1,000, we
13	would drill at a 1,000.
14	CHAIRMAN LAY: It appears here that there is a
15	coal owner with declaration. Is that the case?
16	THE WITNESS: I don't know that. The coal owner
17	usually in that area is the Tietrick heirs.
18	CHAIRMAN LAY: I assume they've been noticed?
19	THE WITNESS: Yes.
20	CHAIRMAN LAY: There's no sign-off from them, a
21	coal waiver?
22	THE WITNESS: This Harrison County, I believe
23	it's the Tietrick heirs in that area and usually we just
24	contact them by phone and they usually give us a sign-off

It should be in that packet. 1 2 MR. RADABAUGH: I see the notification. CHAIRMAN LAY: So they've been noticed? 3 4 THE WITNESS: Yes. 5 CHAIRMAN LAY: Let's go off the record for a 6 moment. 7 (WHEREUPON, a discussion was had 8 off the record, after which the 9 proceedings continued as follows:) 10 CHAIRMAN LAY: Let's go back on the record. 11 Okay. MR. RADABAUGH: Well, the notification has been 12 13 out for two months. They've been noticed for two months. 14 Do you know how close any mining MR. MARTIN: 15 activity is? 16 THE WITNESS: Personally, I do not, no. I don't 17 know that. I know mining activity, Marion and Harrison 18 County, there's a lot of mine activity in the Marion and 19 Harrison County line up north there. There's some old mine 20 areas. 21 CHAIRMAN LAY: Yeah, you've got your certified receipt is mailed February -- I can't tell whether it's the 22 23 12th or the 2nd.

MR. RADABAUGH: But they were also notified of the

1 | hearing.

CHAIRMAN LAY: They were also notified of the hearing, so they're not here. Apparently, they have no objections cause they didn't send any.

MR. MARTIN: Do you know if you received green cards back?

THE WITNESS: Received our green cards? I don't know that.

MR. MARTIN: From the coal -- from the Tietrick heirs or whoever that was?

THE WITNESS: I don't know that for sure.

CHAIRMAN LAY: Okay. Any other questions?

MR. GUM: The only questions I have and as more of a layman than anything else, when you come before this Board, I'd like for you to really -- like for the distance, we're sitting here trying to figure out the distance in here, and I don't know if a 1,000 or 800 or 1,200, but why wouldn't you simply say it's 1,200, it's 1,100, it's -- and, you know, having that concrete data for us before you come down here, and we don't have to use a pencil to figure out where it is.

THE WITNESS: I apologize for that. I should have had that.

MR. GUM: And if there's coal mine with a

district, you ought to know that. So just a little bit of information that -- and I know you're new and starting this and they put it on you pretty fast, but I think you'd be better off when you came to know that kind of stuff.

> THE WITNESS: Okay.

MR. RADABAUGH: Yeah, on some of this, I believe some of this information we had gave back to Greg Smith at some point cause one of his clients had been here before and it may have been Hall, but, of course, these may have been done prior that we did that. I mean I don't know, I mean the surveying work, but I guess the point is Greg and his people should know by now to do that too.

MR. MARTIN: I've got -- are we going to be getting a request for a location due east of the Mary Post 7 here pretty soon; that's the only spot you haven't hit yet, so is that -- should we expect that one next month or the month after or what, and there's a ridge top there too.

> THE WITNESS: Yes.

MS. RAINES: On the same track there is?

MR. MARTIN: Yeah, the same lease.

MS. RAINES: Oh, okay.

It looks like the same lease. MR. MARTIN:

THE WITNESS: It's the same lease, yes, sir.

From this present time there's no talk about putting a

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location up there, but --1 2 MR. MARTIN: I'm not encouraging you or 3 anything. I'm just asking. 4 THE WITNESS: Okay. 5 CHAIRMAN LAY: Okay. Anything else? Marty? 6 MR. MARTIN: No. 7 CHAIRMAN LAY: Bob? 8 MR. RADABAUGH: I guess just the only thing is 9 we've kind of shuffled around here a little bit, but I 10 guess just run down through for sure all -- all the wells 11 he's asking for the same thing, right? 12 THE WITNESS: Uh-huh, yes. 13 CHAIRMAN LAY: It appears that you should be 14 asking us, but I'm going to say it to clarify it and make 15 sure that I understand it. So you've got all the 1, 2, 3, 16 4 and 5 and 6 are at least 100 feet from the nearest 17 property boundary? 18 THE WITNESS: Yes. 19 CHAIRMAN LAY: Is that your testimony? 20 THE WITNESS: Yes. 21 CHAIRMAN LAY: And that there are least 1,000 22 feet apart; is that correct? 23 THE WITNESS: Yes.

CHAIRMAN LAY: And you have the surface owners or

its agents sign off on the surface waiver; is that correct? 1 2 THE WITNESS: Mary Post has signed off on the 3 waivers, surface waivers. 4 CHAIRMAN LAY: The wells will be closer than 5 3,000 feet; is that correct? 6 THE WITNESS: Yes. 7 CHAIRMAN LAY: So you're asking for an exception 8 location to the rules, the 400 foot and the 3,000 foot 9 spacing rule? 10 THE WITNESS: Yes. 11 CHAIRMAN LAY: Okay. 12 MR. MARTIN: Let me, Barry, if I could. 13 there, and I'm assuming that your plat would show that, but 14 are there, other than these Mary Post wells, are there 15 other -- would there be other deep wells within 3,000 feet 16 of any of these? 17 THE WITNESS: No, sir. 18 CHAIRMAN LAY: Marty, there is on the -- I think 19 it is on the plat, then there's a copy of a well spot map and it doesn't show anything else but on the plat itself 20 21 they're showing one permit and it may be an application 22 because it doesn't show a well symbol would be Harrison

Which permit application is that?

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County permit number 18.

MR. MARTIN:

CHAIRMAN LAY: I'm looking at the No. 1, and I'm 1 2 a little bit puzzled because the circle says there are no 3 known permitted deep wells within that circle, but... 4 MR. MARTIN: Some of the other plats also had 5 wells within that 3,000 foot circle, but I think all the 6 narrative associated with the circle indicates there are no 7 known permit deep wells. 8 THE WITNESS: Yes. 9 MR. MARTIN: So the circles that are spotted --10 the wells that are seemingly spotted inside the circle, 11 what kind -- those aren't deep wells? No, it's not. Those wells that 12 THE WITNESS: 13 are spotted within the circle are not deep wells and 14 there's a copy of shot sheets on the packet that I handed 15 out that shows those circles. 16 CHAIRMAN LAY: This is what I was looking for. 17 MR. MARTIN: Do you know what formation the No. 18 18, permit number 18 is in? 19 THE WITNESS: The only information that I was 20 able to obtain was this well plat from the state. 21 MR. MARTIN: Can I see that, please? 22 THE WITNESS: Yes. 23 MR. MARTIN: So you don't know what formation 24 this is in?

1 THE WITNESS: No, sir. 2 MR. MARTIN: So this could be a deep well? It could be. I don't know that THE WITNESS: 3 4 information. 5 MR. MARTIN: Any other ones like that on the 6 other wells where you've got wells inside your 3,000 foot 7 circle that there's a question about the depth? 8 THE WITNESS: No, sir. 9 MR. MARTIN: So all those you have well records 10 They all are definitely shallow wells? 11 THE WITNESS: Yes, sir. 12 CHAIRMAN LAY: Anything else? 13 MR. GUM: And you're also requesting 100 feet into the Onondaga, right? 14 15 THE WITNESS: Yes, sir. 16 MR. GUM: For all of them? 17 THE WITNESS: Yes, sir. 18 MR. GUM: Okay. 19 MR. MARTIN: I think the application says 80. 20 MR. RADABAUGH: Well, I think he stated 100 or at 21 least the application says 80 feet. 22 MR. GUM: In your comments you asked a 100? 23 THE WITNESS: Hundred, yes, that's correct. 24 MR. RADABAUGH: But the application it's marked on

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there. 1 2 MR. GUM: Okay, that's fine. 3 CHAIRMAN LAY: Okay. Bob? MR. RADABAUGH: No. 4 5 CHAIRMAN LAY: Tony? 6 MR. GUM: Nothing else. CHAIRMAN LAY: Marty? 8 MR. MARTIN: No. CHAIRMAN LAY: Okay, we'll go off the record 9 10 then. Okay, I forgot to ask. Cindy, do you have any 11 questions. 12 MS. RAINES: No. 13 (WHEREUPON, the Commission 14 deliberated, after which the 15 proceedings continued as follows:) 16 CHAIRMAN LAY: Let's go back on the record. 17 have a motion? 18 MR. RADABAUGH: I want to make a motion for the 19 request that Hall Drilling had made on the Mary Post lease 20 wells, proposed wells No. 1, No. 2, No. 3, No. 4, No. 5, 21 and No. 6, they had requested exception locations to be 22 within 400 feet of a lease line, to drill within 3,000 feet

of other deep wells and to drill a 100 feet into the

Onondaga. I request that we leave the record open till

which time that Hall Drilling can have their survey plats redone to be able to show the exact distance from the lease 2 3 line to each proposed well and also to show the exact 4 distance between all existing and proposed wells. 5 MR. GUM: And I second that motion. 6 CHAIRMAN LAY: I've got a motion and a second. 7 Any further discussion? All those in favor of the motion, 8 aye. 9 COMMISSION: Aye. 10 CHAIRMAN LAY: Opposed, nay. Motion carries. 11 MR. GUM: You understand what we told you? We want the exact numbers rather than minus or plus or maybe. 12 13 CHAIRMAN LAY: Yeah. 14 THE WITNESS: Yes, sir, I understand that. 15 CHAIRMAN LAY: Plus or minus doesn't tell us 16 anything. Anything else for the record? 17 MR. GUM: No. 18 CHAIRMAN LAY: We will, although we're going to 19 leave the record open, we'll cease for the day; how's that? 20 Thank you. 21 (Witness stands aside.) (WHEREUPON, the proceeding was

left open for more information.)

### REPORTER'S CERTIFICATE

STATE OF WEST VIRGINIA,
COUNTY OF KANAWHA, to wit:

I, NANCY MCNEALY, Certified Verbatim Court
Reporter and Commissioner of West Virginia, do hereby
certify that the foregoing is, to the best of my skill and
ability, a true and accurate transcript of all the
proceedings as set forth in the caption hereof.

Given under my hand this 26th day of April, 2009.

My commission expires November 26, 2010.

OFFICIAL SEAL
Commissioner, State Of West Virginia
NANCY MCNEALY
Certified Court Reporter
P.O. Box 13415, Sissonville, WV 25360
My Commission Expires November 26, 2010

Certified Verbatim Reporter

Commissioner of West Virginia







#### west virginia department of environmental protection

Oil and Gas Conservation Commission 601 57<sup>th</sup> Street, SE Charleston, WV 25304 (304)926-0499, Ext 1656 Joe Manchin III, Governor Randy C. Huffman, Cabinet Secretary www.wvdep.org

# BEFORE THE OIL AND GAS CONSERVATION COMMISSION OF THE STATE OF WEST VIRGINIA

IN THE MATTER OF THE REQUEST BY HALL DRILLING, LLC FOR EXCEPTION LOCATIONS REGARDING THE DRILLING OF THE PROPOSED MARY POST 1, 2, 3, 4, 5 AND 6 WELLS TO BE LOCATED IN TENMILE DISTRICT, HARRISON COUNTY, WEST VIRGINIA.

DOCKET NO. 197 CAUSE NO. 190

#### NOTICE OF HEARING

Hall Drilling, LLC ("Hall") has requested the Commission grant an exception to Rule 39.1.4.2 for the proposed wells identified as the Mary Post #1, #2, #3, #4, #5 and # 6 to be located in Harrison CountY, West Virginia. The proposed well locations do not meet the spacing requirements imposed on deep wells; therefore, Hall has requested approval from the Commission for an exception to the rule as provided in 39.1.4.3.

The matter has been scheduled as stated below:

DATE:

April 2, 2009

TIME:

10:00 am

PLACE:

Department of Environmental Protection

Office of Oil and Gas 601 57<sup>th</sup> Street, SE Charleston, WV 25304

IN THE NAME OF THE STATE OF WEST VIRGINIA

OIL AND GAS CONSERVATION COMMISSION OF THE STATE OF WEST VIRGINIA

Bv.

Barry K. Lay, Chairman

Dated this 6<sup>th</sup> day of March, 2009, at Charleston, West Virginia.

Promoting a healthy environment.





# west virginia department of environmental protection

Oil and Gas Conservation Commission 601 57th Street, SE Charleston, WV 25304 (304)926-0499, Ext 1656

Joe Manchin III, Governor Randy C. Huffman, Cabinet Secretary www.wvdep.org

March 9, 2009

The Herald Record Attention: Legal Advertisement P202 E Main Street West Union, WV 26456

Class 11 - Legal Advertisement RE: Docket No. 198-191

Dear Sir:

Please print the enclosed Notice of Hearing as a Class 11 legal advertisement in the Herald Record newspaper, twice prior to April 2, 2009, and send affidavit of publication and invoice to me at the address above.

If you should have any questions, please call me at 304-926-0499 ext. 1656

Sincerely,

**Executive Secretary** 

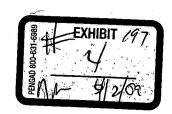
encl:

**Shawn Leeson** 



Hall Drilling, LLC	
Attention: Greg Barton	
P O Box 249	
Ellenboro, WV 26346	

Operator:	HALL DRILLING, LLC
API:	3305205
WELL No:	MARY POST 1
Reviewed by:	Date.
15 Day End o	f Comment:



# CHECKLIST FOR FILING A PERMIT

	TOTAL TENUIT
	New Well
	WW-2B
X	Inspector signature on WW-2B
	WW-2A (Notarized)
$\boxtimes$	Certified Mail Receipts, Waivers, or Affidavits of Personal Service
$\nearrow$	Surface Owner Waiver
	Coal Owner / Lessee /Operator Waiver
	Surface owner consent and easement.
	WW-2A-1 (Signed) Showing Book/Page number and Royalty Percentage
	WW-2B-1 (Names, addresses, and spot on topographical map listed as water testing)
	WW-9 (Page 1 & 2) (Notarized)
	Inspector Signature on WW-9
	Reclamation Plan
	Topographic Map of location of well
	Mylar Plat (Signed Sealed) (Surface owner on plat matches WW-2A)
	Well is at least 400 feet from the nearest lease boundary.
	Well is at least 3000 feet from the nearest offset deep well.
	Bond
	Company is Registered with the SOS
	Worker's Compensation / Unemployment Insurance account is OK
	\$900.00 Check (\$800.00 if no pit)

# STATE OF WEST VIRGINIA

# DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS WELL WORK PERMIT APPLICATION

					<u> </u>	3 9	59
1) Well Opera	tor <u>Ha</u>	II Drilling	J, LLC		Harrison	Tenmile	Salem 7.5'
·				Operator ID	County	District	Quadrangle
2) Operator's	Well Nur	mber: <u>N</u>	Mary Post #1	3)	Elevation	1039'	<u> </u>
4) Well Type:		: Produ	uction <u>x</u> / l	Jnderground S Shallow	Storage		
			s): <u>Marcell</u>	us			
6) Proposed 1				Feet	· ·	<del></del>	
7) Approxima				148			
8) Approximate 9) Approximate				2200	75		
				9 60~ 9 9 active mine?			<del></del>
ro, boco lana	Contain	COai Sea	ins tributary to	active fillie!	NO	<del>.</del>	
11) Describe	proposed	l well wo	rk <u>To Drill a</u>	nd Stimulate a	New Well	<u> </u>	
						<del>-</del>	
	<del></del>	· · · ·					
	,						
12)			SING AND TU	BING PROGRA			
, ,	SPECIFIC		ASING AND TU		AM INTERVALS	CEMENT	<del>-</del>
, ,	SPECIFIC Size		Weight per	FOOTAGE For	INTERVALS	CEMENT	
, ,		ATIONS	Weight per	FOOTAGE For	INTERVALS  Left in F		
TYPE	Size	ATIONS	Weight per ft	FOOTAGE For Drilling	Left in FWell	ill -up (Cu. F	
TYPE S Conductor	Size	ATIONS	Weight per	FOOTAGE For	INTERVALS  Left in F		
Conductor Fresh Water	Size	ATIONS	Weight per ft	FOOTAGE For Drilling	Left in FWell	ill -up (Cu. F	
Conductor Fresh Water Coal	<u>Size</u>	ATIONS	Weight per ft	FOOTAGE For Drilling	Left in FWell	ill -up (Cu. F	
Conductor Fresh Water Coal Intermediate	Size 95/8"	ATIONS	Weight per ft	FOOTAGE For Drilling  250	Left in Well  260	CTS	
Conductor Fresh Water Coal Intermediate Production	Size 95/8"	ATIONS	Weight per ft	FOOTAGE For Drilling  250 2206 8100	Left in Well  260  200 8100	CTS  CTS  CTS  CTS  CTS	
Conductor Fresh Water Coal Intermediate Production Tubing Liners Packers: K	95/8" 7" 41)	ATIONS	Weight per ft	FOOTAGE For Drilling  250 2206 8100	Left in Well  260  200 8100	CTS  CTS  CTS  CTS  CTS	
Conductor Fresh Water Coal Intermediate Production Tubing Liners Packers: K	Size  95/84  71	Grade	Weight per ft	FOOTAGE For Drilling  250 2206 8100	Left in Well  260  260  200  8100	CTS  CTS  CTS  CTS  CTS	
Conductor Fresh Water Coal Intermediate Production Tubing Liners Packers: K	Size  95/84  71	Grade	Weight per ft	FOOTAGE For Drilling  250  2205  8100	Left in Well  260  260  260  200  8100  A 200  A 200  A 200	CTS  CTS  CTS  CTS  CTS  CTS  CTS  CTS	
Conductor Fresh Water Coal Intermediate Production Tubing Liners Packers: K	Size  95/84  71	Grade	Weight per ft	FOOTAGE For Drilling  250  2205 8100	Left in Well  260  260  200  8100  PECEIVER Office of Oil & Gro	CTS  CTS  CTS  CTS  CTS  CTS  CTS	
Conductor Fresh Water Coal Intermediate Production Tubing Liners Packers: K	Size  95/84  71	Grade	Weight per ft	FOOTAGE For Drilling  250  2205 8100	Left in Well  260  260  200  8100  PECEIVER Office of Oil & Gro	CTS  CTS  CTS  CTS  CTS  CTS  CTS	
Conductor Fresh Water Coal Intermediate Production Tubing Liners Packers: K	Size  95/84  71	Grade	Weight per ft	FOOTAGE For Drilling  250  2205 8100	Left in Well  260  260  200  8100	CTS  CTS  CTS  CTS  CTS  CTS  CTS	

<b>WW-2</b>	2 <b>A</b>
(Rev.	6-07)

1) Date: August 27, 2008

2) Operator's Well Number Mary Post #1

3) API Well No.: 47 -

State

County

Permit

# STATE OF WEST VIRGINIA

# DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE AND APPLICATION FOR A WELL WORK PERMIT

4) Surface O	wner(s) to be served:	5) (a) Coal (	Operator
(a) Name	Mary Post ₩	Name	
Address	RR 5 Box 1240	Address —	
	Salem, WV 26426		
(b) Name		(b) Coal Own	er(s) with Declaration
Address		Name \	Irrainia Tetrick Hoirs, c/o Guy Corporation
		Address	139 Lamplighter Driva
			Morgantown, WV 26508
(c) Name		Name	
Address		Address	
		· <u> </u>	
6) Inspector	Tim Bennett	(c) Coal Less	ee with Declaration
Address	737 Karl Street	Name	
	Weston, WV 26452	Address	
Telephone	304-553-1073		
		<del></del>	
		NAMED ABOVE TAKE	
	he lease or leases or other con	tinuing contract or contra	acts by which I hold the right to extract oil
and gas			
$\frac{OR}{X}$ Included is 1	he information required by Ch	apter 22. Article 6. Section	on 8(d) of the Code of West Virginia (see
page 2)	'See "a	apro: 22, 7.1.1.0.0 0, 0001.	on stay of the source of west virginia (see
I certify t	hat as required under Chapter	22-6 of the West Virginia	Code I have served copies of this notice
	a location plat, and accompan	ying documents pages 1	through on the above named parties
by:	Darroanal Camrino / Affidavii	4 attached\	
X	Personal Service (Affidavit Certified Mail (Postmarked		•
	Publication (Notice of Pub	• • • •	
I have re			agree to the terms and conditions of any
permit issued un	der this application.		•
l certify	under penalty of law that I h	nave personally examine	d and am familiar with the information
submitted on the	is application form and all at	ttachments, and that ba	sed on my inquiry of those individuals t the information is true, accurate and
complete.	ponsible for obtaining the in	ioilliation, i believe tha	t the information is true, accurate and
l am awa	re that there are significant per	nalties for submitting fals	e information, including the possibility of
fine and impriso	nment.		
	Well Operat		- Webs
	By:	Mike Hall St. Designated Agent	C C C C C C C C C C C C C C C C C C C
	Its:	POBOX 249 CN	- 100 of 1909
		Ellenboro, WV 26346	Office to the Control of the Control
	Telephone	304-869-3405	Office of Oil & Cole ChiOn
Subscribed and	sworn before me this	dayor	, Jeas Deparal Pr
	1		Notary Public W
My Commission	Expires $4/8/30$	11	- Willow
			Office of One 2009 Office of One 2009 Office of One 2009 Office of One 2009  Office of

# INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE Chapter 22, Article 6, Section 8(d) IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the oath required to make the verification on page 1 of this Notice and Application, I depose and say that I am the person who signed the Notice and Application for the Applicant, and that -

- (1) the tract of land is the same tract described in this Application, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Grantor, lessor, etc.

Grantee, lessee, etc.

Royalty Book/Page

Mary Post, et al

Ten Mele Land LLC

12.5 % W 1420/872

PEB 1. 4 2009

MN Debaument of Hall Drilling, LLCEnvironmental Protection
Mike Hall
Design

Well Operator:

By: lts:

# West Virginia Department of Environmental Protection Office of Oil and Gas

## NOTICE TO SURFACE OWNERS

The well operator named below is preparing to file for a permit from the state to drill a new well. Before a well work permit can be filed with the Chief of the Office of Oil and Gas, the well operator is required to have given notice of the right to request water well or spring analytical testing. This notice shall be given to the owners or occupants of land which have a water well or spring being utilized for human consumption, domestic animals, or other general use and which is located within 1000 feet of the proposed well site.

With this form, the operator is giving you notice of your right to request analytical testing. The operator is required to sample and analyze the water wells or springs of all owners or occupants who request it. Therefore, if you wish to have your water well or spring tested, contact the operator named below.

All sampling shall be completed prior to drilling. Within thirty (30) days of the receipt of such sample analyses the operator shall submit the results to the Chief of the Office of Oil and Gas and to the owners or occupants who may have requested them.

If no water well or spring is located within 1000 feet, the Chief may require the operator to sample and analyze water from a water well or spring within 2000 feet of the proposed well site.

Be advised, you have the right to sample and analyze any water supply at your own expense.

The laboratory used by the operator to analyze the samples will be approved by the Chief. The operator named below has decided to use the following laboratory to analyze the water samples:

**Contractor Name** Smith Land Surveying, Inc. Well operator's private laboratory

Well Operator Hall Drilling, LLC

Address P.O. Box 249

Ellenboro, WV 26346

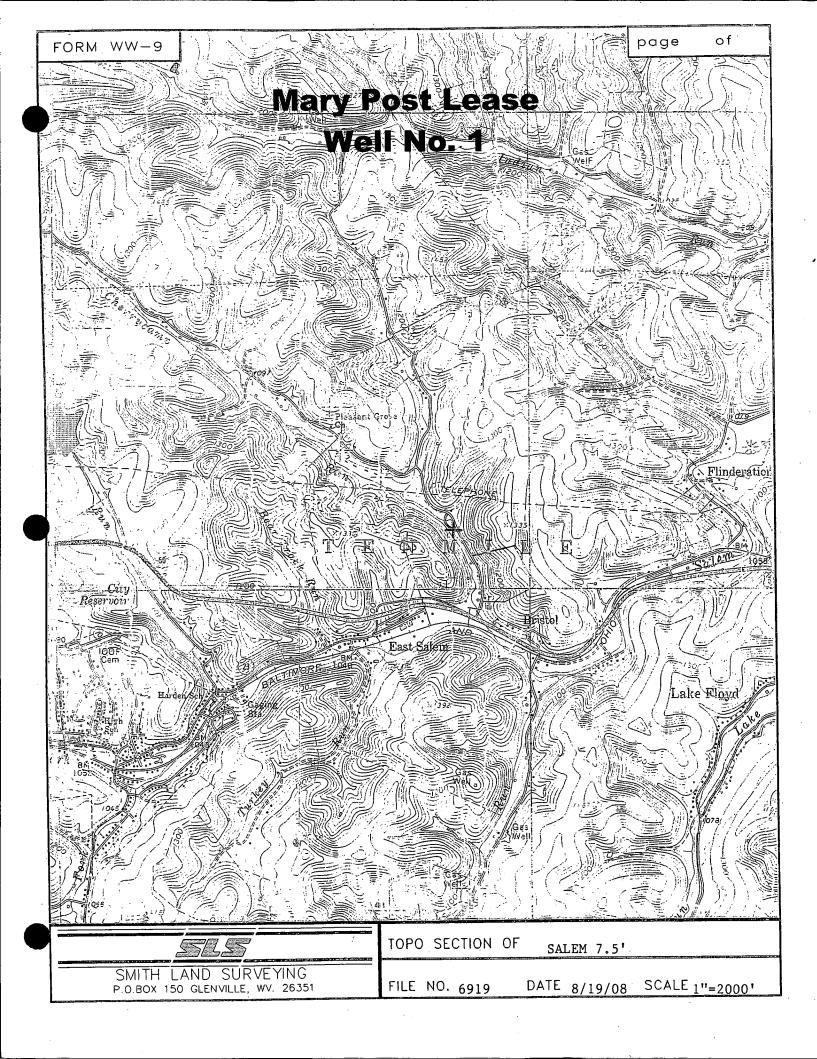
RECEIVED
Office of Oil & Gas
FEB 11 4 2009 Telephone 304-869-3405

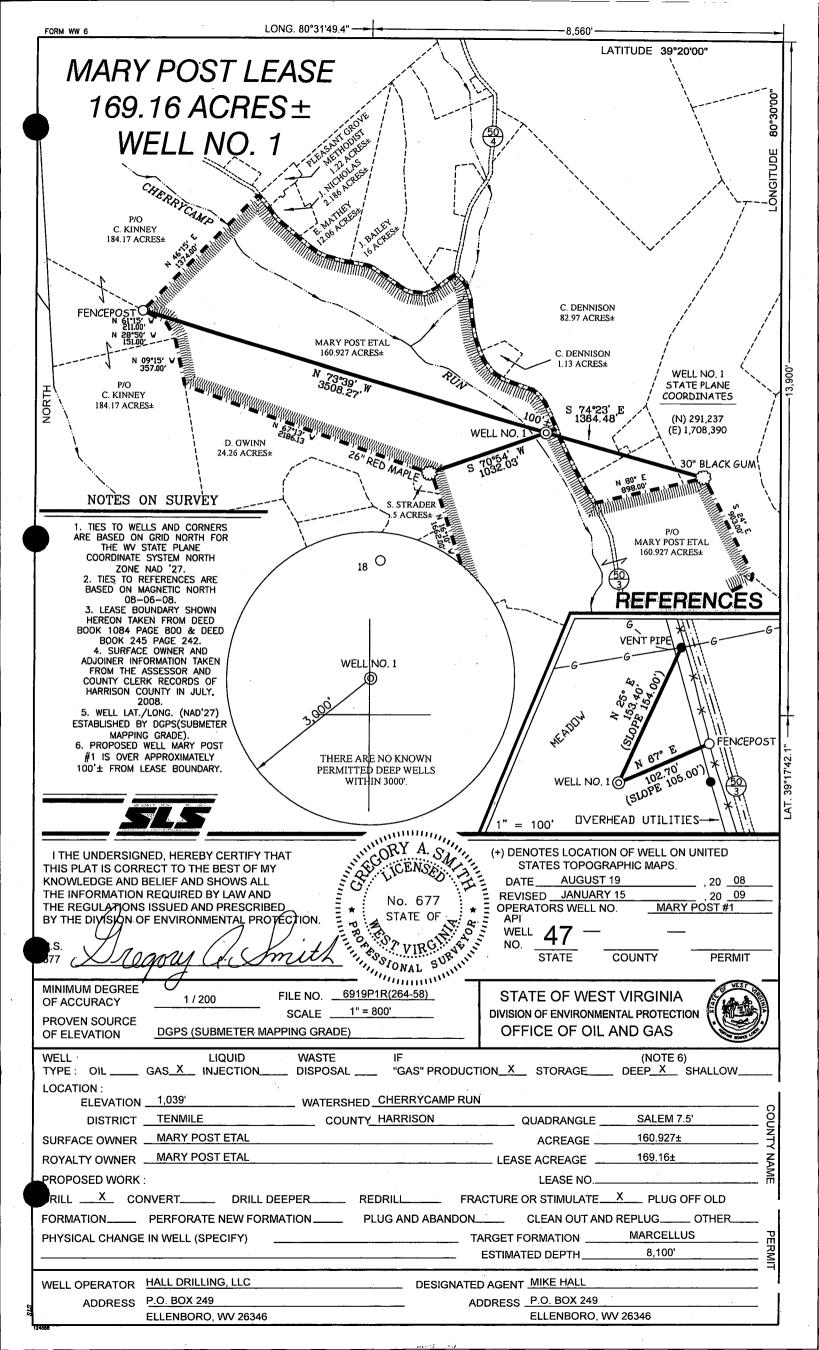
FOR OPERATOR'S USE ONLY: Below, or on an attached page, list those persons which were given this notice. Place an asterisk beside the one(s) that contacted not and requested sampling and analyses. If there were no requests made, indicate by and erring which one you have selected to comple and analyses. have selected to sample and analyze. If there are no water wells or springs within 1000 feet of the proposed site please indicate such.

NOTE: There appears to be 3± potable water sources within 1,000', therefore tests will be offered and samples taken as required.

# STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS WELL WORK PERMIT APPLICATION

1) Well Oper	ator H	all Drillin	g, LLC	. [		Harrison	Tenmile	Salem 7.5
				Operator II	D	County	District	Quadrangle
2) Operator's	s Well Nu	ımber:	Mary Post #1	<del></del>	3)	Elevation:	_1039'	
4) Well Type	: (a) Oil	or (	Bas x					
	(b) If Gas		uction <u>x</u> /	Underground	d Sto	rage		
		Deep	x /	Shallow			<del></del>	
5) Proposed	Target F	ormation	(s): <u>Marcel</u>	lue				
6) Proposed	Total De	oth: 810	)O'	Feet	***			
7) Approxima	ate fresh	water str	ata depths:	148				
8) Approxima	ite salt w	ater dept	ths:	2200				· .
9) Approxima	ite coai s 1 contain	eam dep	tns: ms tributary to	960-	985	·		<u> </u>
						_No	<del></del>	
11) Describe	propose	d well wo	On mode as &	and Stimula	1a 'N	en mant and	المديد المحمد	١
be drille	ed 80' in	nto the	Onondaga fo	or logging of	140 Q<	es Massall	gosed wel	1 +0
·			J	35.3 1.	- <del> </del>	S, marren	us comple-	<u>.                                    </u>
12)		CA	SING AND TU	BING PROGI	RAM			
TYPE	SPECIFIC	ATIONS		FOOTAGE		TERVALS	CEMEN	Γ
	<u>Size</u>	<u>Grade</u>	Weight per	<u>For</u> <u>Drilling</u>	<u>Le</u>	ft in Fil	l -up (Cu. F	t.)
Conductor								
Fresh Water	95/8"		22#	250			 CTS	IR
Coal				200		260	<u>C13</u>	
Intermediate	710		11 4	2206	<del>                                     </del>	204	A+(	
Production	41/2		11.60	8100	1		275 1 Ruk 18 14-11,1	CSK
Tubing				<b>V</b>	<u> </u>	,	-,- ,,,	
Liners				· -	1	1		$\neg$
	ind	<del></del>			<u> </u>	L		
	zes anthe Sat	<b>,</b>		·				





SURFACE OWNER WAIVER
County HARRISON Operator Hall Dilling LLC Operator well number M. Post #1
INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW2-A
The well operator named on page WW2A is applying for a permit from the State to do oil or gas well work. (Note if the surface tract is owned by more than three persons, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22 of the West Virginia Code. Well work permits are valid for 24 months. If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator and the Office of Oil and Gas.  NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.  WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION:
Chief, Office of Oil and Gas Department of Environmental Protection 601 57 <sup>th</sup> St. SE Charleston, Wv 25304 (304) 926-0450
Time Limits and methods for filing comments. The law requires these materials to be served on or before the date the operator files his Application. You have FIFTEEN (15) DAYS after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be issued at any time.  Comments must be in writing. Your comments must include your name, address and telephone number, the
well operator's name and well number and the approximate location of the proposed well site including district and count from the application. You may add other documents, such as sketches, maps or photographs to support your comments. The Chief has the power to deny or condition a well work permit based on comments on the following grounds:  1) The proposed well work will constitute a hazard to the safety of persons.  2) The soil erosion and sediment control plan is not adequate or effective;  3) Damage would occur to publicly owned lands or resources;
4) The proposed well work fails to protect fresh water sources or supplies; 5) The applicant has committed a substantial violation of a previous permit a substantial violation of one o more of the rules promulgated under Chapter 22, and has failed to abate a seek review of the violation".  If you want a copy of the permit as it is issued or a copy of the order denying the permit, you should
to test your water to establish water quality prior to and after drilling. Contact the Chief to obtain a composition for a Well Work Permit on Form WAY A and attachment as a list of water testing laboratories. The Office maintains a list of water testing laboratories which you can hire to test your water to establish water quality prior to and after drilling. Contact the Chief to obtain a composition of the Chief to obtain a composition for a Well Work Permit on Form WAY A and attachment as an attachment as a list of water testing laboratories which you can hire to test your water to establish water quality prior to and after drilling. Contact the Chief to obtain a composition of the Chief to obtain a com
I hereby state that I have read the instructions to surface owners and that I have received copies of a Notice and Application for a Well Work Permit on Form WW2-A, and attachments consisting of pages 1 through including a work order on Form WW2-B, a survey plat, and a soil and erosion plan, all for proposed well work on my surface land as described therein.
I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued on those materials.  FOR EXECUTION BY A NATURAL PERSON  FOR EXECUTION BY A CORPORATION, ETC.
Mary K. Past Agent Date 9-13-08 Name  Signature By
Signature By Its Date
Date

Signature

Date

Coal Owner North Coation
Mary Post No.1

	U.S. Postal S CERTIFIED (Domestic Mail Or	MAI aly; No l	L <sub>IM</sub> RI	e C	overage Provided,	
1	For delivery informa	tion visit	our webs	site a	at www.usps.com	
· [	OFF	IC	IA		, USE	
n n	Postage	\$ 4	.80			
η	Certified Fee	a	.70		Postmark	
+000	Return Receipt Fee (Endorsement Required)	a	20		A Priere	
<b>-</b>	Restricted Delivery Fee (Endorsement Required)			1		
7 <del>1</del> 1	Total Postage & Fees		.70			
	Sent To Virginia	Tetric	k Heirs	C	lo Guy Corporation	
7007	or PO Box No. 139 Lamplighter Drive					
	City, State, ZIP+4	on ato	in h	V	See Reverse for Instructions	
	PS Form 3800. August	2006			See Reverse for Instructions	
	PS Form 3800. August				•	

RECEIVED

RECEIVED

Office of Oil & Cass

Of



P.O. BOX 150, GLENVILLE, WV 26351

(304) 462-5634 • FAX 462-5656

## WELL INFORMATION AND POTENTIAL WATER WELL SAMPLE DATA SHEET

OPERATOR:	Hall Drilling .	
LEASE NAME	AND NUMBER: _	Mary Post #1
		COMMENTS
The initial mapp listed surface ow	ing review of the a	rea surrounding the proposed well site revealed the below

The initial mapping review of the area surrounding the proposed well site revealed the below listed surface owner(s) that were potentially utilizing groundwater (potable) for Human Consumption or other purposes within 1000' of the proposed well site. The following landowners have been notified of the opportunity to request a water sample should it be necessary.

\*Please note that the following information is subject to change upon field inspection.

### **INDIVIDUAL CONTACTED OR NOTIFIED** Owner/Occupant: Carol D. Dennison Address: 104 Emerson Rd, Clarksburg, WV. 26301 Letter/Notice Date:\_\_\_\_\_ Comments: par #36.1 & Par # 36 Owner/Occupant: Jeffery Carder Address: RR 5 Box 1390, Salem, WV. 26426 Letter/Notice Date:\_\_\_\_\_ Comments: Par #61 Owner/Occupant: Robert J. Haught ET AL RR 5 Box 1240, Salem WV. 26426 Letter/Notice Date: Address: Comments: Par #35 Owner/Occupant: Address: \_\_\_\_\_Letter/Notice Date:\_\_\_ Comments: Owner/Occupant: Address: \_\_\_\_\_Letter/Notice Date:\_\_\_\_ Comments:

6919.Potential.Hall.Post#1

WW	-9
Rev	02/03

Pa	age	4	of	
API Number 47 -				
Operator's Well No.	Ma	ry Po	st #1	

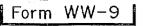
## STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

## CONSTRUCTION AND RECLAMATION PLAN AND SITE REGISTRATION APPLICATION FORM GENERAL PERMIT FOR OIL AND GAS PIT WASTE DISCHARGE

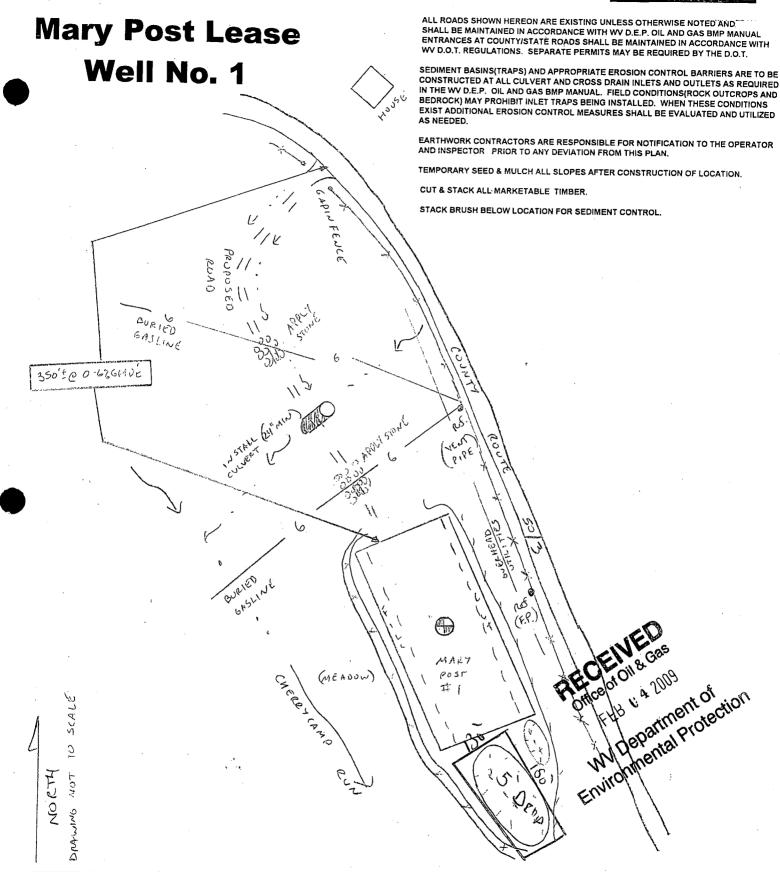
Operator Name Hall Drilling, LLC	OP Code
Watershed Cherrycamp Run	Quadrangle Salem 7.5'
Elevation 1039' County Harrison	District <u>Tenmile</u>
Description of anticipated Pit Waste:Drill Water, Frac Blow Back	& Various Formation Cuttings
Will a synthetic liner be used in the pit? Yes	
Proposed Disposal Method For Treated Pit Wastes:  Land Application Underground Injection ( UIC Permit Number Reuse (at API Number Off Site Disposal (Supply form WW-9 for disp Other (Explain	osal location)
Proposed Work For Which Pit Will Be Used:  Drilling x Swabt Workover Pluggi Other (Explain	oing ing
2005, by the Office of Oil and Gas of the West Virginia Department of Envenforceable by law. Violations of any term or condition of the general praction.  I certify under penalty of law that I have personally examined and all attachments thereto and that, based on my inquiry of those individuals information is true, accurate, and complete. Lam aware that there are significant of fine or imprisonment.	ermit and/or other applicable law or regulation can lead to enforcement am familiar with the information submitted on this application form and immediately responsible for obtaining the information. I believe that the
Company Official Signature	
Company Official (Typed Name) Mike Hall	
Subscribed and sworn before me this day of State of Subscribed and sworn before me this day of State of Subscribed and sworn before me this day of Subscribed and subscribed and sworn before me this day of Subscribed and subscribed	, 20 <u>08</u>
My commission expires 4/18/2011	Notory Public Of City

## LEGEND

Property Boundary		Diversion Lealer Liver Liver Live Live Live Live Live Live Live Live
Road <u> </u>		Spring
Existing Fence 💢 🕌	_X X	Wet Spot
Planned Fence /		Drain Pipe with size in inches
Stream	7	Waterway $\longleftrightarrow$
Open Ditch		Cross Drain ////////////////////////////////////
Rock 68888		Artificial Filter Strip XXXXXXXXXXXXXXXXXXXXXX
North N		Pit: cut walls
Buildings		Pit: compacted fill walls
Water wells W		Area for Land Application of Pit Waste
Drill site		
Proposed Revegetation Trea	atment: Acres Disturbed	1.244- Prevegetation pH
		ect to pH 6.5
		<u>N l</u> bs/acre (500 lbs minimum)
Mulch HAY	2	Tons/acre
		Seed Mixtures
	Area I	Area II
Seed Type	lbs/acre	Seed Type lbs/acre
KY-31	40	ORCHARD GRASS 4-5
ALSIKE CLOVER	5	ALSIKE CLOVER 5
ANNUAL RYE	15	
Attach: Drawing(s) of road, location	on,pit and proposed area fo	r land application
Photocopied section of inv	volved 7.5' topographic shee	
Plan Approved by:	Comment of the second	(mB-s
Title:		Date: 10-14-08
Field Reviewed?	Yes	( ) No



page of





SMITH LAND SURVEYING, INC.

P.O. BOX 150, GLENVILLE, WV 26351

Phone (304) 462-5634 Fax 462-5656 email: sls@rtol.net

DRAWN BY C.P.M. DATE 8/24/00 FILE NO. 4919

Operator:	HALL DRILLING, LLC					
API:	3305206					
WELL No:	MARY POST 2					
Reviewed by						
15 Day End	15 Day End of Comment: 2/20					
	CHECKLIST FOR FILING A PERMIT					
	New Well					
	WW-2B					
	Inspector signature on WW-2B					
	WW-2A (Notarized)					
$\bowtie \Box$	Certified Mail Receipts, Waivers, or Affidavits of Personal Service					
	Surface Owner Waiver					
	Coal Owner / Lessee /Operator Waiver					
	Surface owner consent and easement.					
	WW-2A-1 (Signed) Showing Book/Page number and Royalty Percentage					
	WW-2B-1 (Names, addresses, and spot on topographical map listed as water testing)					
	WW-9 (Page 1 & 2) (Notarized)					
$\square$	Inspector Signature on WW-9					
	Reclamation Plan					
	Topographic Map of location of well					
	Mylar Plat (Signed Sealed) (Surface owner on plat matches WW-2A)					
	Well is at least 400 feet from the nearest lease boundary.					
	Well is at least 3000 feet from the nearest offset deep well.					
	Bond					
	Company is Registered with the SOS					
	Worker's Compensation / Unemployment Insurance account is OK					

\$900.00 Check (\$800.00 if no pit)

# STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS WELL WORK PERMIT APPLICATION

1) Well Opera	ator <u>na</u>	ali Drilling	g, LLC	<u> </u>	<u>Harriso</u>		Salem 7.5
				Operator ID	County	District	Quadrangl
2) Operator's	Well Nu	mber: <u> </u>	Mary Post #2	3	) Elevat	ion: <u>1036'</u>	
4) Well Type:	(a) Oil	or G	Sas <u>x</u>				
	(b) If Gas		uction <u>x</u> /		Storage		
							·
5) Proposed <sup>·</sup> 6) Proposed <sup>·</sup>	Target Fo	ormation(	(s): <u>Marcel</u>			····	
7) Approxima	ite fresh v	water str	ata depths:	Feet 190	· ·		
8) Approxima	ite salt wa	ater dept	hs:	2200			·
9) Approxima 10) Does land	ite coai se I contain	eam depi coal sea	tns: ms tributary to	980	-955 No	· · · · · · · · · · · · · · · · · · ·	
1) Describe	proposed	i well wo	the Ononda	and Stimulate	e new well	proposed we	211
to be o	Irilled 8	30' into	the Ononda	ga for loggi	ng Purpose	s Marcellu	s completion
				J.	J	•	1
		· · · · · · · · · · · · · · · · · · ·					
12)		CA	SING AND TU	BING PROGR	<u>AM</u>		
12)	SPECIFIC	<u>CA</u> CATIONS	SING AND TU	BING PROGR FOOTAGE	AM INTERVAL	S CEMEI	NT .
12)		CA	SING AND TU  Weight per	BING PROGR FOOTAGE For	AM INTERVAL Left in		NT .
2) TYPE \$	SPECIFIC	<u>CA</u> CATIONS	SING AND TU	BING PROGR FOOTAGE	AM INTERVAL	S CEMEI	NT .
2) TYPE S	SPECIFIC Size	<u>CA</u> CATIONS	SING AND TU  Weight per ft	BING PROGR FOOTAGE For Drilling	AM INTERVAL Left in Well	S CEMEI Fill -up (Cu.	NT .
TYPE S Conductor Fresh Water	SPECIFIC Size	<u>CA</u> CATIONS	SING AND TU  Weight per	BING PROGR FOOTAGE For	AM INTERVAL Left in	S CEMEI	<u>NT</u>
12)	SPECIFIC Size	<u>CA</u> CATIONS	SING AND TU  Weight per ft	BING PROGR FOOTAGE For Drilling	AM INTERVAL Left in Well	S CEMEI Fill -up (Cu.	NT
TYPE  Conductor  Fresh Water  Coal	SPECIFIC Size	<u>CA</u> CATIONS	SING AND TU  Weight per ft   2 2 #	BING PROGR FOOTAGE For Drilling	AM INTERVAL Left in Well	S CEMEI Fill -up (Cu.	NT Ft.)
TYPE S  Conductor  Fresh Water  Coal  Intermediate	SPECIFIC Size	<u>CA</u> CATIONS	Weight per ft	BING PROGR FOOTAGE For Drilling	AM INTERVAL Left in Well	S CEMEI Fill -up (Cu.	NT Ft.)
TYPE S  Conductor  Fresh Water  Coal  Intermediate  Production	SPECIFIC Size	<u>CA</u> CATIONS	Weight per ft	BING PROGR FOOTAGE For Drilling	AM INTERVAL Left in Well	S CEMEI Fill -up (Cu.	NT Ft.)
2) TYPE  Conductor Fresh Water Coal Intermediate Production Tubing Liners	SPECIFIC Size	<u>CA</u> CATIONS	Weight per ft	BING PROGR FOOTAGE For Drilling	AM INTERVAL Left in Well	S CEMEI Fill -up (Cu.	NT Ft.)

### STATE OF WEST VIRGINIA

## DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS WELL WORK PERMIT APPLICATION

						33	9
i) Well Operat	tor <u>Ha</u> l	ll Drilling	, LLC		Harriso	n Tenmile	Salem 7.
•			_	Operator ID	County	District	Quadrang
) Operator's \	Well Nun	nber: <u>N</u>	lary Post #2		3) Elevat	ion: <u>1036'</u>	
· · · · · · · · · · · · · · · · · · ·	( . ) O'!		·				
) Well Type: (			as <u>x</u> iction <u>x</u> / l	Indorground	Storago	,	
(1	o, ii Gas.			Shallow	Storage		
		•		_		•	
) Proposed T ) Proposed T			s): <u>Marcell</u> oʻ	<u>us</u> Feet			
•	-		ata depths:		•		
) Approximat				220			
) Approximat		•			0-985		
0) Does land	contain	coal sea	ms tributary to	active mine	? <u>No</u>		<del></del>
1) Describe n	ronosed	l well wa	rk To Drill a	nd Stimulato	a New Well		
,	- 1						
•							
2)			SING AND TU				
TYPE S	PECIFIC	ATIONS		FOOTAGE	INTERVAL	S CEME	<u>NT</u>
	<u>Size</u>	<u>Grade</u>	Weight per ft	For Drilling	<u>Left in</u> Well	Fill -up (Cu.	<u>Ft.)</u>
Conductor			<b>1</b>				<del></del>
	ada					1	
Fresh Water Coal	95/8"		22#	250	250	CTS	
Intermediate	- 11		,, 321	2 - \		B	ાળ/પીદ
<del> </del>	,, ~		16	2200	2200	By Rule ,	3 E (SR
Production	4/2		15:60	8106	8100	4-11.1	
Tubing		<u> </u>					
Liners						EVED e of Oil & Gas FEB U 4 2009	
Packers: K	ind	<u> </u>		<u></u>	DE	Cil & Gas	
	izes				Office	eon, inos	
. n	epths Se	et			,	CHB UALL	ń
014855						Department of the control of the con	etion .
900					74,	Debanal Prote	,-
					74.	onner	

WW-2A				
(Rev.	6-07)			

1) Date: August 27, 2008

2) Operator's Well Number Mary Post #2

3) API Well No.: 47 -

State County

Permit

### STATE OF WEST VIRGINIA

DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE AND APPLICATION FOR A WELL WORK PERMIT

4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name <u>Mary Post</u> ₩	Name
Address RR 5 Box 1240	Address
Salem, WV 26426	
(b) Name	(b) Coal Owner(s) with Declaration
Address	Name Virginia Tetrick Hers/ co/o Guy Corporation
	Address 139 Lamplighter Drive
	Mongantown Wy 26508
(c) Name	Name
Address	Address
	7.441000
6) Inspector Tim Bennett	(c) Coal Lessee with Declaration
Address 601 67 Stores Siz	Name
Charlesh UU 25)04	Address
Telephone 304-553-1073	
TO THE PERSONS NAME	D ABOVE TAKE NOTICE THAT:
	g contract or contracts by which I hold the right to extract oil
and gas	
OR Included is the information required by Chapter	
	22, Article 6, Section 8(d) of the Code of West Virginia (see
page 2)	
and application a location plat and accompanying a	of the <u>West Virginia Code</u> I have served copies of this notice documents pages 1 through on the above named parties
Personal Service (Affidavit attac	ched) al receipt attached) on attached) d 35 CSR 4, and I agree to the terms and conditions of any opersonally examined and am familiar with the information nents, and that based on my inquity of those individuals tion, I believe that the information of true, accurate and
X Certified Mail (Postmarked post	al receipt attached)
Publication (Notice of Publication	on attached)
I have read and understand Chapter 22-6 and	d 35 CSR 4, and I agree to the terms, and conditions of any
permit issued under this application.	arimo roteto
submitted on this application form and all attachm	personally examined and am familiar with the information
immediately responsible for obtaining the information	tion I believe that the information is true accurate and
complete.	tion, I believe that the information is true, accurate and
I am aware that there are significant penalties	itor submitting talse information, including the possibility of
fine and imprisonment.	CONTRACT SERVICE AND ADDRESS OF THE PROPERTY O
Well Operator <u>L</u>	lall Drilling, LL-6
- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	Mike Hall BAR
が、またながら、1987年 1987年 1	Designated Agent
	2.O. Box 249
	Ellenboro, WV 26346 004-869-3485
Subscribed and sworn before me this K day of	
uay C	Notary Public
My Commission Expires 4/18/36	
1 1/8/ 50	

#### INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE Chapter 22, Article 6, Section 8(d) IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the oath required to make the verification on page 1 of this Notice and Application, I depose and say that I am the person who signed the Notice and Application for the Applicant, and that -

- (1) the tract of land is the same tract described in this Application, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan:
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Grantor, lessor, etc.

Grantee, lessee, etc.

Royalty Book/Page

Mary Post, et al

Den Mile Land LLC

1420/872

Office of Oil & Gas FEH Car WING

MN Debauweur Of Environmental Protection

**Well Operator:** 

By:

Its:

Hall Drilling, LLC

Mike Hall \_

**Designated Agent** 

#### West Virginia Department of Environmental Protection Office of Oil and Gas

#### **NOTICE TO SURFACE OWNERS**

The well operator named below is preparing to file for a permit from the state to drill a new well. Before a well work permit can be filed with the Chief of the Office of Oil and Gas, the well operator is required to have given notice of the right to request water well or spring analytical testing. This notice shall be given to the owners or occupants of land which have a water well or spring being utilized for human consumption, domestic animals, or other general use and which is located within 1000 feet of the proposed well site.

With this form, the operator is giving you notice of your right to request analytical testing. The operator is required to sample and analyze the water wells or springs of all owners or occupants who request it. Therefore, if you wish to have your water well or spring tested, contact the operator named below.

All sampling shall be completed prior to drilling. Within thirty (30) days of the receipt of such sample analyses the operator shall submit the results to the Chief of the Office of Oil and Gas and to the owners or occupants who may have requested them.

If no water well or spring is located within 1000 feet, the Chief may require the operator to sample and analyze water from a water well or spring within 2000 feet of the proposed well site.

Be advised, you have the right to sample and analyze any water supply at your own expense.

The laboratory used by the operator to analyze the samples will be approved by the Chief. The operator named below has decided to use the following laboratory to analyze the water samples:

Contractor Name Well operator's private laboratory Smith Land Surveying, Inc. RECEIVED
Office of Oil & Gas
FEB ( 4 2)11/19

Well Operator Hall Drilling, LLC

Address

P.O. Box 249

M Debaument of Ellenboro, WV 26346

Telephone 304-869-3405

FEB ' Department Of ONLY: Below, or on an attached page, list those persons which were given this notice. Place an asterick boolds the analysis that are the persons which were given this notice. Place an asterisk beside the one(s) that contacted you and requested sampling and analyses. If there were no requests made, indicate by underling which one you have selected to sample and analyze. If there are no water wells or springs within 1000 feet of the proposed site please indicate such.

NOTE: There appears to be 1± potable water sources within 1,000', therefore tests will be offered and samples taken as required.



P.O. BOX 150, GLENVILLE, WV 26351

(304) 462-5634 • FAX 462-5656

### WELL INFORMATION AND POTENTIAL WATER WELL SAMPLE DATA SHEET

OPERATOR: .Hall Drilling	
LEASE NAME AND NUMBER:	Mary Post #2
	<u>COMMENTS</u>
listed surface owner(s) that were pote Consumption or other purposes within	a surrounding the proposed well site revealed the below entially utilizing groundwater (potable) for Human in 1000' of the proposed well site. The following opportunity to request a water sample should it be is subject to change upon field inspection.
INDIVIDUA	AL CONTACTED OR NOTIFIED
Owner/Occupant: Jeddy P & Evelyn	
Address: PO Box 231, Salem, WV. 264	426 Letter/Notice Date:
Comments: Par # 17.1	
Owner/Occupant:	
	Letter/Notice Date:
•	
Owner/Occupant:	
A -1-1	Latter/Matine Date:
Commonto	(ED
	CEIVE Gas
	PE of Oil of ANIA
Owner/Occupant:	Letter/Notice Date:
Address:	Letter/Notice Date:
Comments:	a Deparate
	MANUMERINA
	Letter/Notice Date:  W Departmental Programmental Programm
Owner/Occupant:	Ť
Address:	Letter/Notice Date:
	LUCOTTONO DUO

6919.Potential.Hall.Post#2

Comments:

P.O. BOX 150, GLENVILLE, WV 26351

(304) 462-5634 • FAX 462-5656

### WELL INFORMATION AND FINAL WATER WELL SAMPLE DATA SHEET

OPERATOR: _	Hall Drilling			•
LEASE NAME	AND NUMBER: _	Mary Post # 2		

#### **COMMENTS**

The initial field and/or mapping review of the area surrounding the proposed well site revealed the below listed surface owner(s) that were potentially utilizing groundwater (potable) for Human Consumption or other purposes within 1000' of the proposed well site. (For location of each site see attached area map.)

#### **INDIVIDUAL CONTACTED OR NOTIFIED**

Site:						0 00 0p 1	1000		
Address:	RT 5 Box 1	254, Sale	em, WV. 2642	26			Ph:	(304)	-782-1373
Field Conta	ct Date: _	8/19/08	Sampled:	Yes	Date	Sampled:	8/19/08	Source:	Outside Spigot
If No, declined	by who	·	Letter/No	otice Date	e: 1st	· ·	2nd	 Cert	ified (3rd)
Comments:	Par # 17.2	?				-			
		·	<del> </del>						
Site: 2	Spacing	925	' Owner	/Occupa	ant:	Darlene	Denison		•
Address:	RT 5 Box 1	382, Sale	m, WV. 2642	6			Ph:		
Field Contact	ct Date:	9/12/08	_Sampled:_	yes	Date	Sampled:	9/12/08	Source:	Kitchen Sink
If No, declined	by who		Letter/No	otice Date	_ :: 1st		2nd	Certi	fied (3rd)
Comments:	Par # 36						•	· .	` /
							<u> </u>		
Site: 3	Spacing	700	' Owner/	Occupa	ınt:	Janet Ba	rett		
Site: 3 Address:	Spacing	700 250, Sale	' Owner/	Occupa	ınt:	Janet Ba		(304)-	782-3110
Address:	RT 5 Box 1	250, Sale	m, WV. 2642	6			Ph:	(304)- Source:	782-3110 Kitchen Sink
If No. dealined	RT 5 Box 1.	250, Sale 8/19/08	m, WV. 2642 Sampled:	6 Yes	_Date	Sampled:	Ph: 8/19/08	_Source:_	Kitchen Sink
Address:	RT 5 Box 1.	250, Sale 8/19/08	m, WV. 2642 Sampled:	6 Yes	_Date	Sampled:	Ph: 8/19/08	_Source:_	Kitchen Sink
Address: Field Contact	RT 5 Box 1.	250, Sale 8/19/08	m, WV. 2642 Sampled:	6 Yes	_Date	Sampled:	Ph: 8/19/08	_Source:_	Kitchen Sink
Address:	RT 5 Box 1. et Date: by who Par # 18.1	250, Sale 8/19/08	m, WV. 26420 Sampled: Letter/No	6 Yes otice Date	_Date : 1st	Sampled:_	Ph: 8/19/08 2nd	_Source:_ Certi	Kitchen Sink fied (3rd)
Address:	RT 5 Box 1. et Date: by who Par # 18.1	250, Sale 8/19/08	m, WV. 26420 Sampled: Letter/No	6 Yes otice Date	_Date : 1st	Sampled:_	Ph: 8/19/08 2nd	_Source:_ Certi	Kitchen Sink fied (3rd)
Address:	RT 5 Box 1. et Date: by who Par # 18.1	250, Sale 8/19/08	m, WV. 26420 Sampled: Letter/No	6 Yes otice Date	_Date : 1st	Sampled:_	Ph: 8/19/08 2nd	_Source:_ Certi	Kitchen Sink fied (3rd)
Address:	RT 5 Box 1. et Date: by who Par # 18.1	250, Sale 8/19/08	m, WV. 26420 Sampled: Letter/No	6 Yes otice Date	_Date : 1st	Sampled:_	Ph: 8/19/08 2nd	_Source:_ Certi	Kitchen Sink fied (3rd)
Address:	RT 5 Box 1. et Date: by who Par # 18.1	250, Sale 8/19/08	m, WV. 26420 Sampled: Letter/No	6 Yes otice Date	_Date : 1st	Sampled:_	Ph: 8/19/08 2nd	_Source:_ Certi	Kitchen Sink fied (3rd)
Address:	RT 5 Box 1. et Date: by who Par # 18.1	250, Sale 8/19/08	m, WV. 26420 Sampled: Letter/No	6 Yes otice Date	_Date : 1st	Sampled:_	Ph: 8/19/08 2nd	_Source:_ Certi	Kitchen Sink

WW	-9
Rev	02/03

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API Number 47				
Operator's Well No.	. <u>M</u> a	ry Po	st #2	

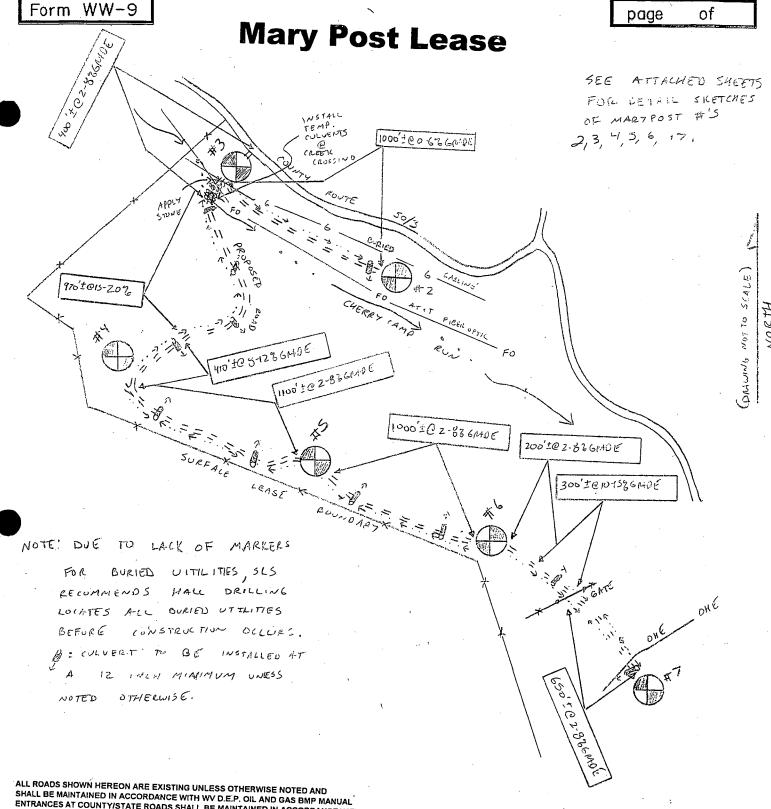
## STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

## CONSTRUCTION AND RECLAMATION PLAN AND SITE REGISTRATION APPLICATION FORM GENERAL PERMIT FOR OIL AND GAS PIT WASTE DISCHARGE

Operator Name Hall Drilling, LLC		OP Code	<del></del>
Watershed Cherrycamp Run	·	Quadrangle Salem 7.5'	
Elevation 1036'	County <u>Harrison</u>	District <u>Tenmile</u>	
Description of anticipated Pit Waste:I	Drill Water, Frac Blow Bac	k & Various Formation Cutting	<u>ss</u>
Will a synthetic liner be used in the pit?	Yes		
Proposed Disposal Method For Treated Pit V			
<u>x</u> Land Applicati Underground In			)
Reuse (at API )	Number		
Off Site Dispose Other (Explain	al (Supply form WW-9 for dis	sposal location)	
Proposed Work For Which Pit Will Be Used	:		
<u>x</u> Drilling	<u>x</u> Swat	bbing	
Workover Other (Explain	Plug	ging	
Other (Explain			<u> </u>
I certify under penalty of law that lall attachments thereto and that, based on minformation is true, accurate, and complete of fine or imprisonment.  Company Official Signature	y inquiry of those individuals	s immediately responsible for obta ifficant penalties for submitting fal	lse information, including the possi-
Company Official (Typed Name) <u>Mike Ha</u>	11		
Company Official Title TRESIDENE			CEN & Gas
		P	Office of a Lilly
Subscribed and sworn before the this 30	day of JAN	, 20 <u>@ <b>9</b></u>	Department ection
2		Notory Public	CENED  Office of Oil & Gas  Office of Oil & Gas  WW Department of  Environmental Protection  Environmental Protection
My commission expires	By State Control		
	STATE OF VIRGINIA GREGORIA BARTON Meadoverood Farms F. O. Box 336 Effective Wast Virginia 26346		

#### LEGEND

Property Boundary	Diversion (1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/
Road = = = = = = = = = = = = = = = = = = =	Spring —
Existing Fence — X — X — X —	Wet Spot
Planned Fence / / /	Drain Pipe with size in inches (2
Stream Change Town	Waterway C+ C+ C+
Open Ditch	Cross Drain
Rock 68688	Artificial Filter Strip XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
North N	Pit: cut walls
Buildings	Pit: compacted fill walls
Water wells	Area for Land Application of Pit Waste
Drill site	
Proposed Revegetation Treatment: Acres Disturbed	1.69+/ Prevegetation pH
Lime3 Tons/acre or to correct to	pH6.5
Fertilizer (10-20-20 or equivalent) 1/3 TON	_lbs/acre (500 lbs minimum)
Mulch HAY 2 To	ons/acre
State of the state	ons/acre ed Mixtures
State of the state	•
Se	ed Mixtures
Se Area I	ed Mixtures Area II
Seed Type lbs/acre	ed Mixtures Area II Seed Type lbs/acre
Area I Seed Type lbs/acre  KY-31 40	Area II Seed Type lbs/acre  ORCHARD GRASS 1-5
Area I Seed Type lbs/acre  KY-31 40  ALSIKE CLOVER 5	Area II Seed Type lbs/acre  ORCHARD GRASS 1-5
Area I Seed Type lbs/acre  KY-31 40  ALSIKE CLOVER 5  ANNUAL RYE 15	Area II Seed Type lbs/acre  ORCHARD GRASS 1-5
Area I Seed Type lbs/acre  KY-31 40  ALSIKE CLOVER 5	Area II Seed Type lbs/acre  ORCHARD GRASS 1-5  ALSIKE CLOVER 5
Area I Seed Type lbs/acre  KY-31 40  ALSIKE CLOVER 5  ANNUAL RYE 15  Attach:	Area II Seed Type lbs/acre  ORCHARD GRASS 1-5  ALSIKE CLOVER 5
Area I Seed Type lbs/acre  KY-31 40  ALSIKE CLOVER 5  ANNUAL RYE 15  Attach: Drawing(s) of road, location, pit and proposed area for large	Area II Seed Type lbs/acre  ORCHARD GRASS 1-5  ALSIKE CLOVER 5
Area I Seed Type lbs/acre  KY-31 40  ALSIKE CLOVER 5  ANNUAL RYE 15  Attach: Drawing(s) of road, location, pit and proposed area for large	Area II Seed Type lbs/acre ORCHARD GRASS 1-5 ALSIKE CLOVER 5
Area I Seed Type lbs/acre  KY-31 40  ALSIKE CLOVER 5  ANNUAL RYE 15  Attach: Drawing(s) of road, location,pit and proposed area for lar. Photocopied section of involved 7.5' topographic sheet.	Area II Seed Type lbs/acre ORCHARD GRASS 1-5 ALSIKE CLOVER 5



SHALL BE MAINTAINED IN ACCORDANCE WITH WV D.E.P. OIL AND GAS BMP MANUAL ENTRANCES AT COUNTY/STATE ROADS SHALL BE MAINTAINED IN ACCORDANCE WITH WV D.O.T. REGULATIONS. SEPARATE PERMITS MAY BE REQUIRED BY THE D.O.T.

SEDIMENT BASINS(TRAPS) AND APPROPRIATE EROSION CONTROL BARRIERS ARE TO BE CONSTRUCTED AT ALL CULVERT AND CROSS DRAIN INLETS AND OUTLETS AS REQUIRED IN THE WY D.E.P. OIL AND GAS BMP MANUAL. FIELD CONDITIONS(ROCK OUTCROPS AND BEDROCK) MAY PROHIBIT INLET TRAPS BEING INSTALLED. WHEN THESE CONDITIONS EXIST ADDITIONAL EROSION CONTROL MEASURES SHALL BE EVALUATED AND UTILIZED

EARTHWORK CONTRACTORS ARE RESPONSIBLE FOR NOTIFICATION TO THE OPERATOR AND INSPECTOR PRIOR TO ANY DEVIATION FROM THIS PLAN.

TEMPORARY SEED & MULCH ALL SLOPES AFTER CONSTRUCTION OF LOCATION.

CUT & STACK ALL MARKETABLE TIMBER.

STACK BRUSH BELOW LOCATION FOR SEDIMENT CONTROL.

SMITH LAND SURVEYING, INC.

P.O. BOX 150, GLENVILLE, WV 26351

Phone (304) 462-5634 Fax 462-5656 email: sls@rtol.net

DATE 8/24/08 C.PM. DRAWN BY FILE NO. 6919 Form WW-9

page of

# Mary Post Lease Well No. 2

SEE ATTACHED SHEET FOR INFO TO CO.PT. 50/3

6ASCINE CUT +FILL NEEDED ( ( ( 1 - 00 m 3 m) NS. (F.P.)

ALL ROADS SHOWN HEREON ARE EXISTING UNLESS OTHERWISE NOTED AND SHALL BE MAINTAINED IN ACCORDANCE WITH WV D.E.P. OIL AND GAS BMP MANUAL ENTRANCES AT COUNTY/STATE ROADS SHALL BE MAINTAINED IN ACCORDANCE WITH WV D.O.T. REGULATIONS. SEPARATE PERMITS MAY BE REQUIRED BY THE D.O.T.

SEDIMENT BASINS(TRAPS) AND APPROPRIATE EROSION CONTROL BARRIERS ARE TO BE CONSTRUCTED AT ALL CULVERT AND CROSS DRAIN INLETS AND OUTLETS AS REQUIRED IN THE WV D.E.P. OIL AND GAS BMP MANUAL. FIELD CONDITIONS(ROCK OUTCROPS AND BEDROCK) MAY PROHIBIT INLET TRAPS BEING INSTALLED. WHEN THESE CONDITIONS EXIST ADDITIONAL EROSION CONTROL MEASURES SHALL BE EVALUATED AND UTILIZED AS NEEDED.

EARTHWORK CONTRACTORS ARE RESPONSIBLE FOR NOTIFICATION TO THE OPERATOR AND INSPECTOR PRIOR TO ANY DEVIATION FROM THIS PLAN.

TEMPORARY SEED & MULCH ALL SLOPES AFTER CONSTRUCTION OF LOCATION.

CUT & STACK ALL MARKETABLE TIMBER.

STACK BRUSH BELOW LOCATION FOR SEDIMENT CONTROL.



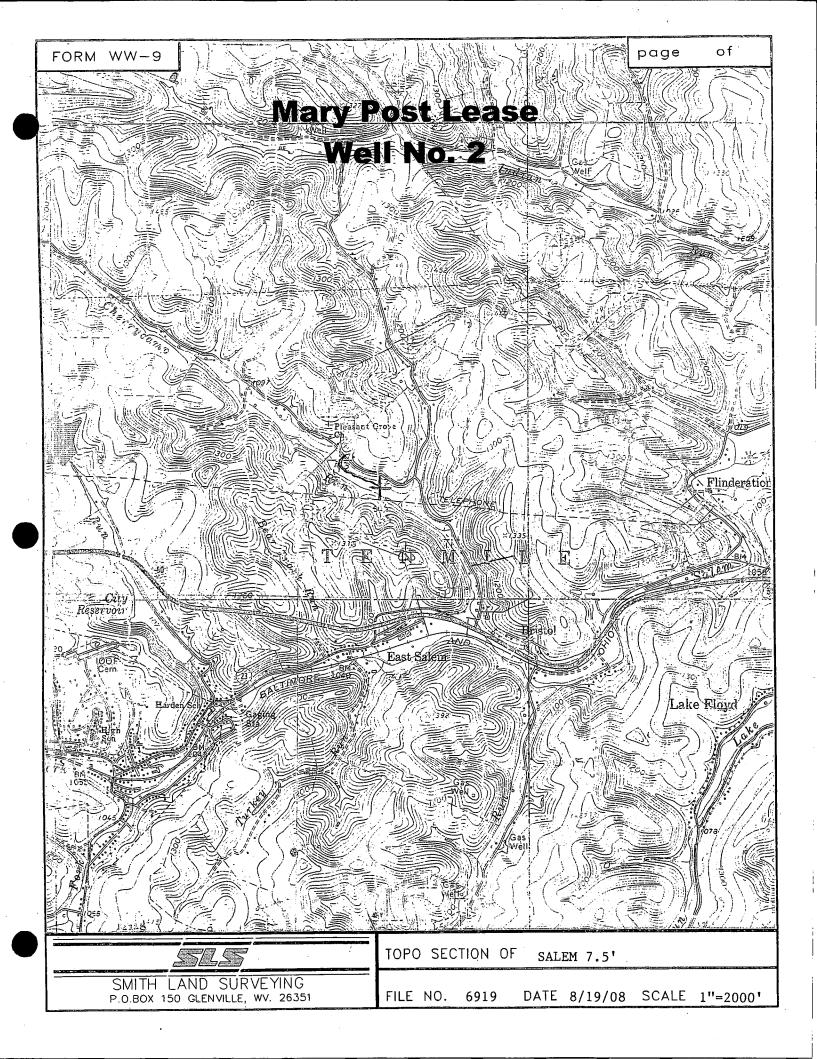
SMITH LAND SURVEYING, INC.

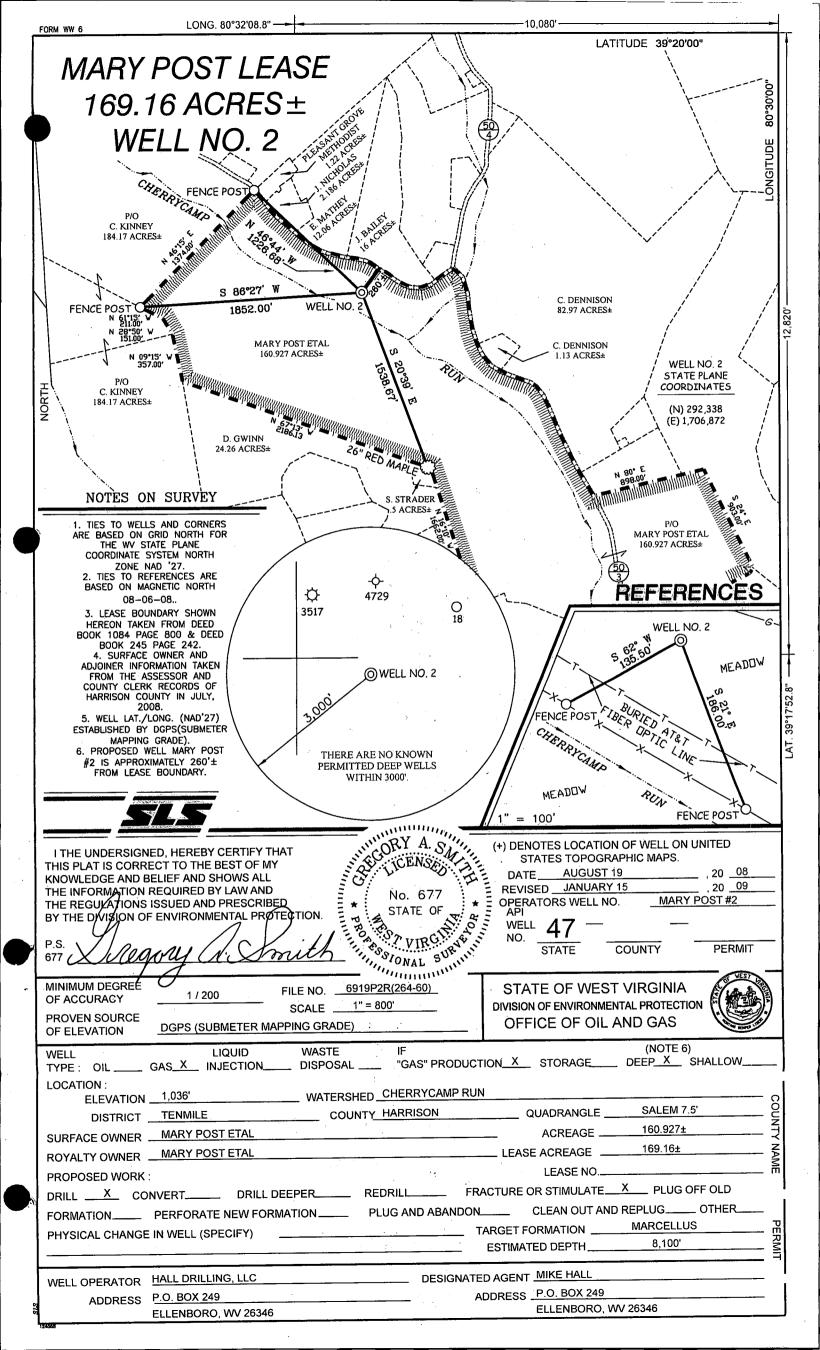
P.O. BOX 150, GLENVILLE, WV 26351

Phone (304) 462-5634 Fax 462-5656 email: sls@rtol.net

DRAWN BY C.P.M. DATE 8/24/08 FILE NO. 6919

(DAMING NOT TO SCALE)





	St	JRFACE OWNER W	AIVER	
County	HARRINA	Operator Operator well	number _	Hall Drilling, CLC M. PIST #2
	INSTRUCTIONS TO	SURFACE OWNERS N	AMED ON PAGE	E WW2-A
appeared on be the only of permits are vi	thact is owned by more than this the Sheriff's tax ticket on the land owner who will actually receive the land of the land owner who will actually receive the land of the land of the land owner. If you do not a mediately if you know who it is. A NOTE: YOU ARI	ree persons, then these d or because you actuall these materials.) See ( t own any interest in the	materials were s y occupy the surf chapter 22 of the surface tract, ple Il operator and the ILE ANY COMM	ENT.
Chief, Office of Department of 601 57 <sup>th</sup> St. S Charleston, W (304) 926-045	Vv 25304			
be filed in per be sure of the handling. If you the planned work the planned work to the planned work to the planned work the planned work to the planned work	son or received in the mail by the son or received in the mail by the date. Check with your postrou have been contacted by the work described in these materials, ments must be in writing. You so name and well number and the cation. You may add other docur chief has the power to deny or contact he proposed well work will constitute soil erosion and sediment contamage would occur to publicly ow the proposed well work fails to prote applicant has committed a surface of the rules promulgated and	e Chief's office by the tine master to ensure adequivell operator and you have then the permit may be in comments must include approximate location of ments, such as sketches, addition a well work permit tute a hazard to the safety trol plan is not adequate a vined lands or resources, better the safety trol plan is not adequate and lands or resources, and the safety trol plan is not adequate and lands or resources, and lands or resources, and the safety of the safety and lands or resources.	filing date to file the stated above. ate delivery time re signed a "volui ssued at any time le your name, ad the proposed we maps or photographic based on common of persons. For effective;  or supplies;  or supplies;	Idress and telephone number, the ell site including district and county raphs to support your comments. ents on the following grounds:
request a cop <u>List o</u> to test your wa	by from the Chief.  If Water Testing Laboratories.  Inter to establish water quality prior  VOLUNTA  by state that I have read the inst	The Office maintains a lar to and after drilling. Co	ist of water testir ntact the Chief to OBJECTION	denying the distinct you should
described there I further a permit being	ein. er state that I have no objection to its	soil and erosion plan, a	all for proposed v	well work on my surface land as aterials, and I have no objection to
	TON BY A NATURAL PERSON  Fast Agent Dail  bignature	Compar	ıy	N BY A CORPORATION, ETC.
)		Its		Date
			Signature	Date

Coal Owner Nonfication
Mary Post No. 2

	U.S. Postal Se	ervice m	o = : D =
	CERTIFIED	MAIL <sub>IM</sub> RE	CEIP I
9	(Domestic Mail Or	nly; No Insurance	Coverage Provided)
m	F delivery informa	tion visit our websit	e at www.usps.como
o l	For delivery interna		LLEE
_	OFF	GIA	
H I	Postero	\$ 4.80	
H H	Postage	1.00	
	Certified Fee	2.70	Postmerk
4000	Return Receipt Fee (Endorsement Required)	2.20	20 College
		<del></del>	TANGO JAN
	Restricted Delivery Fee (Endorsement Required)		
490		\$ 9.70	
4	Total Postage & Fees	\$ 9.70	
ייי	Sent To		1 6
$\overline{\Gamma}$	Virginia	Tetrick Heirs.	clo Guy Corporation
7007	Street, Apt. No.,	أعمانا أاست	Drive.
7	or PO Box No. 139	<u>Lamplighter</u>	D1100
	City, State, ZIP+4	gantown, wu	/ 26508
			See Reverse for Instructions
	PS Form 3800. August	2006	

RECEIVED
Office of Oil & Gas
Office of Oil & Gas

WW Department of
Environmental Protection

0	HALL DRILLING LLC
API:	HALL DRILLING, LLC 3305207
WELL No:	MARY POST 3
Reviewed b	
	of Comment:
	CHECKLIST FOR FILING A PERMIT
	New Well
	WW-2B
$\square$	Inspector signature on WW-2B
	WW-2A (Notarized)
$\boxtimes \Box$	Certified Mail Receipts, Waivers, or Affidavits of Personal Service
	Surface Owner Waiver
	Coal Owner / Lessee /Operator Waiver
	Surface owner consent and easement.
	WW-2A-1 (Signed) Showing Book/Page number and Royalty Percentage
	WW-2B-1 (Names, addresses, and spot on topographical map listed as water testing)
	WW-9 (Page 1 & 2) (Notarized)
	Inspector Signature on WW-9
	Reclamation Plan
	Topographic Map of location of well
	Mylar Plat (Signed Sealed) (Surface owner on plat matches WW-2A)
	Well is at least 400 feet from the nearest lease boundary.
	Well is at least 3000 feet from the nearest offset deep well.

Bond

Company is Registered with the SOS

\$900.00 Check (\$800.00 if no pit)

Worker's Compensation / Unemployment Insurance account is OK

# STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS WELL WORK PERMIT APPLICATION

	itoi <u>iia</u>	II Drilling	ı, LLC		Harrison	Tenmile	Salem 7.5
				Operator ID	County	District	Quadrangi
2) Operator's	Well Nur	nber: <u>N</u>	lary Post #3	3)	Elevatio	n: <u>1067'</u>	
4) Well Type:	(a) Oil	or G	as y		,	•	
		: Produ	iction <u>x</u> / l	Underground :	Storage		
		Deep	x/ S	Shallow _	<del></del>		
5) Proposed 1	Γarget Fo	rmation(	s): <u>Marcell</u>				
6) Proposed T 7) Approxima	lotal Dep te fresh v	th: <u>810</u>	0'	Feet 141			
8) Approxima				2260			<del></del>
9) Approximat				950	-486,		····
o) Does land	contain	coai seai	ms tributary to	active mine?	No No		
1) Describe	proposed	well wo	rk To Drill	and Slimulate	المديد ديامك	Den sacrad Mas	
he drilled	80' int	a the	2	and Stimulate r logging Pur	e new well,	proposed we	11 40
DE IN TIREA		O THE L	mondaga 70	r 10891ng tur	poses, Marc	ellus completio	m
							<del></del>
;		··· · · · · · · · · · · · · · · · · ·					
; (12)		CA	SINC AND TH	DINC DDOCD	A 14		
12) TYPE S	SPECIFIC		SING AND TU	BING PROGR FOOTAGE	<del></del>	CEMEN	т
•	SPECIFIC Size				AM INTERVALS Left in		
•		ATIONS	SING AND TU  Weight per ft	FOOTAGE	INTERVALS	CEMEN Fill -up (Cu. F	
•		ATIONS	Weight per	FOOTAGE For	INTERVALS Left in		
TYPE S	Size	ATIONS	Weight per	FOOTAGE For Drilling	INTERVALS Left in Well	Fill -up (Cu. F	
TYPE S	Size	ATIONS	Weight per ft	FOOTAGE For	INTERVALS Left in		
TYPE S  Conductor  Fresh Water	Size	ATIONS	Weight per ft	FOOTAGE For Drilling	Left in Well	Fill -up (Cu. F	
TYPE S  Conductor  Fresh Water  Coal	<u>Size</u> 95/g1	ATIONS	Weight per ft	FOOTAGE For Drilling	Left in Well	ETS By Reh J	Cse
TYPE S  Conductor  Fresh Water  Coal  Intermediate	Size 95/8"	ATIONS	Weight per ft	FOOTAGE For Drilling  2 10	Left in Well	Fill -up (Cu. F	Cse
TYPE S  Conductor  Fresh Water  Coal  Intermediate  Production	95/811 7 41/1	ATIONS	Weight per ft	FOOTAGE For Drilling  2 10	Left in Well	ETS By Reh J	Cse
TYPE S Conductor Fresh Water Coal Intermediate Production Tubing Liners	95/811 7 41/1	ATIONS	Weight per ft	FOOTAGE For Drilling  2 10	Left in Well	ETS By Reh J	Cse

#### **STATE OF WEST VIRGINIA**

## DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS WELL WORK PERMIT APPLICATION

1					3	3 9	596
1) Well Operat	or <u>H</u> all	Drilling,	LLC		Harrison	Tenmile	Salem 7.5'
				Operator ID	County	District	Quadrangle
2) Operator's \	Well Num	ber: <u>M</u>	ary Post #3	3)	Elevation	n: <u>1067'</u>	· .
4) Well Type: (	a) Oil	or G	ae v				•
			ction <u>x</u> / U	nderground :	Storage		
	•			hallow _	<del></del>		,
5) Proposed T	arget For	mation(s	s): <u>Marcellu</u>	IS			
6) Proposed T	otal Dept	h: 810	<u>)'                                    </u>	eet			
			ita depths:	141			<del></del>
8) Approximat 9) Approximat			is. hs:	950	-986'		
			ns tributary to	active mine?	No No		
44) D				.d 04:	- N		
11) Describe p	roposea	well wol	rk <u>To Drill an</u>	ia Stimulate a	a New Well		
<del></del>				<u> </u>			
						· · · · ·	
12)		CA	SING AND TUE	BING PROGR	AM		
•	SPECIFIC		ONG AND TO		INTERVALS	CEMENT	• •
	Size	<u>Grade</u>	Weight per	For Drilling	<u>Left in</u> Well	Fill -up (Cu. F	<u>t.)</u>
			<u>ft</u>	Diffinity	AAGII	<del>. :</del>	
Conductor							
Fresh Water	95/8"		22#	250	200	C 75	11
Coal							10/14/08
Intermediate	7		16 12	2260	2200	CTS	
Production	别儿		. 11.60	8100	8111	By Reh 36	CSP
Tubing	,				,		
Liners					, i	CENED fice of Oil & Gas fice of Oil & 2009	
	Kind				RE	Coi Oil & Gas	
, r	iizes )epths Se	· <b>·</b>			0	nce of Oil & 2009	e
OLARER		, . 				V Departmental Pro	OI
900					·	N Deparing	tecro.
ſ					V	ironmenta.	
					EU	W-	

WW-2	2A
(Rev.	6-07)

41	Date:	August 27, 2008
	Date:	AUGUST Z7. ZUUO
-,		

2) Operator's Well Number Mary Post #3

3) API Well No.: 47 -

itate	Count

Permit

# STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE AND APPLICATION FOR A WELL WORK PERMIT

4) Surface Ov	wner(s) to be served:	5) (a) Co	al Operator
	Mary Post W	Name	
Address	RR 5 Box 1240	Address	
Audioco	Salem, WV 26426	, .uu, 000	
(b) Name	Calem, WV ZOTZO	(b) Coal O	wner(s) with Declaration
Address			
Audress		Name .	Virginia Tetrick Heirs - Clo Guy Corporation
		Address	139 Lamplighter Drive Margantown, LUV 26508
			Magantown, Luv 26508
(c) Name		Name	
Address		Address	A Company of the Comp
6) Inspector	Tim Bennett	(c) Coal Le	essee with Declaration
<b>Address</b>	601 57 street SE	Name	•
	Choplesh WV 25.364	Address	
Telephone	304-553-1073	·	
		•	
	TO THE PERSONS NAME	D ABOVE TA	KE NOTICE THAT:
Included is t			ontracts by which I hold the right to extract oil
and gas			
OR X Included is 1			
_	the information required by Chapter 2	22, Article 6, S	ection 8(d) of the Code of West Virginia (see
page 2)		e 41 184 4 14	
			inia Code I have served copies of this notice es 1 through on the above named parties
by:	a location plat, and accompanying de	ocuments page	es i unough on the above named parties
-	Personal Service (Affidavit attacl	ned)	<b></b>
$\overline{\mathbf{x}}$	Certified Mail (Postmarked posta Publication (Notice of Publication ad and understand Chapter 22-6 and nder this application. under penalty of law that I have p nis application form and all attachm	l receipt attach	ned) (38
	Publication (Notice of Publication	n attached)	C. Cillac au
I have re	ad and understand Chapter 22-6 and	35 CSR 4, and	d I agree to the testins and conditions of any
permit issued ur	nder this application.		Office A Company of Chilory
I certify	under penalty of law that I have p	ersonally exam	mined and am familiar with the afformation
submitted on the	nis application form and all attachm	ents, and tha	t based on my inquiry of those individuals
immediately res	ponsible for obtaining the informat	ion, i believe	that the information is the, accurate and false information including the possibility of
Complete.	re that there are cignificant negalties	for submitting	false information including the possibility of
fine and impriso	nment.	Tor Submitting	En Word and the possibility of
		all Drilling, LLC	<b>/</b>
	· <u></u>	like Hall	
		esignated Agen	
		.O∴Box 249	
	NOTICE	llenbero, WV 26	346
	Telephone o 3	04-869-3405	
Subscribed and	sworn before me this / wday o	Pept	) , 2008
· · · · · · · · · · · · · · · · · · ·		1	Notary Public
My Commission	Expires ///8/all	//	· · · · · · · · · · · · · · · · · · ·
		•	

# INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE Chapter 22, Article 6, Section 8(d) IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the oath required to make the verification on page 1 of this Notice and Application, I depose and say that I am the person who signed the Notice and Application for the Applicant, and that –

- (1) the tract of land is the same tract described in this Application, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Grantor, lessor, etc.

Grantee, lessee, etc.

Royalty Book/Page

Mary Post, et al

Jen Mede Jana LLC 12.590 no 18th.

12.5% NO 1420/872

RECEIVED

Office Ed 10 4 2000 Protection Environmental Protection Environmental Protection

**Well Operator:** 

Ву:

Its:

Hall Drilling, LLC

Mike Hall

**Designated Agent** 

#### **West Virginia Department of Environmental Protection** Office of Oil and Gas

#### NOTICE TO SURFACE OWNERS

The well operator named below is preparing to file for a permit from the state to drill a new well. Before a well work permit can be filed with the Chief of the Office of Oil and Gas, the well operator is required to have given notice of the right to request water well or spring analytical testing. This notice shall be given to the owners or occupants of land which have a water well or spring being utilized for human consumption, domestic animals, or other general use and which is located within 1000 feet of the proposed well site.

With this form, the operator is giving you notice of your right to request analytical testing. The operator is required to sample and analyze the water wells or springs of all owners or occupants who request it. Therefore, if you wish to have your water well or spring tested, contact the operator named below.

All sampling shall be completed prior to drilling. Within thirty (30) days of the receipt of such sample analyses the operator shall submit the results to the Chief of the Office of Oil and Gas and to the owners or occupants who may have requested them.

If no water well or spring is located within 1000 feet, the Chief may require the operator to sample and analyze water from a water well or spring within 2000 feet of the proposed well site.

Be advised, you have the right to sample and analyze any water supply at your own expense.

The laboratory used by the operator to analyze the samples will be approved by the Chief. The operator named below has decided to use the following laboratory to analyze the water samples:

**Contractor Name** Well operator's private laboratory Smith Land Surveying, Inc. RECEIVED
Office of Oil & Gas
FEB 0 4 2009

Well Operator Hall Drilling, LLC

Address

P.O. Box 249

W Department of Telephone 304-869-3405

FOR OPERATOR'S USE ONLY: Below, or on an attached page, list these persons which were given this notice. Place an asterisk heside the one/s) that askilled the one-s that askilled the given this notice. Place an asterisk beside the one(s) that contacted you and requested sampling and analyses. If there were no requests made, indicate by underling which one you have selected to sample and analyze. If there are no water wells or springs within 1000 feet of the proposed site please indicate such.

NOTE: There appears to be 3± potable water sources within 1,000', therefore tests will be offered and samples taken as required.

P.O. BOX 150, GLENVILLE, WV 26351

(304) 462-5634 • FAX 462-5656

### WELL INFORMATION AND POTENTIAL WATER WELL SAMPLE DATA SHEET

OPERATOR:Hall Drilling	
LEASE NAME AND NUMBER: Mary Post #3	
COMMI	<u>ENTS</u>
The initial mapping review of the area surrounding listed surface owner(s) that were potentially utilized Consumption or other purposes within 1000' of the landowners have been notified of the opportunity necessary.  *Please note that the following information is subject to characteristics.	ing groundwater (potable) for Human e proposed well site. The following to request a water sample should it be
INDIVIDUAL CONTAC	CTED OR NOTIFIED
Owner/Occupant: Jeddy P & Evelyn T. Nicholas	
Address: PO Box 231, Salem, WV. 26426	Letter/Notice Date:
Comments: Par # 17.1	
Owner/Occupant: Daniel L. & Sharon L. Kinney Address: RR 5 Box 1258, Salem, WV. 26426 Comments: Par # 15.1	Letter/Notice Date:
Owner/Occupant: Clyde Kinney Jr.  Address: RR 5 Box 1262, Salem, WV. 26426	Letter/Notice Date:
Comments: Par #15	·
Owner/Occupant:	WED
Address:	Letter/Notice Date:
Owner/Occupant:	L Debaumette cill
Address:	Lottor/Notice Date: AND - AMBERTO
Comments:	Environ-

6919.Potential.Hall.Post#3

WW	-9
Rev.	02/03

. Pa	age _	_4	of	
API Number 47				
Operator's Well No.	Ma	ry Po	st #3	

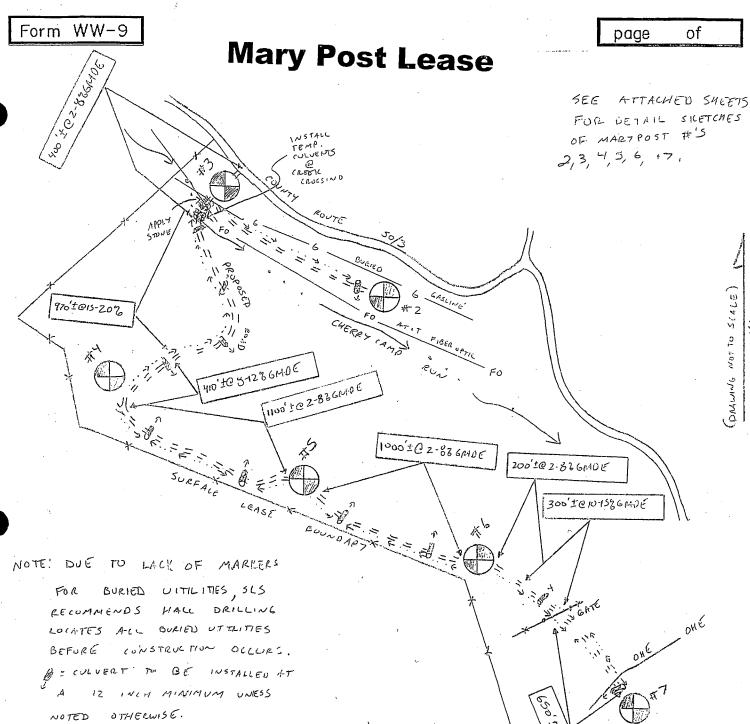
## STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

## CONSTRUCTION AND RECLAMATION PLAN AND SITE REGISTRATION APPLICATION FORM GENERAL PERMIT FOR OIL AND GAS PIT WASTE DISCHARGE

Operator Name <u>Hall Drilling, LLC</u>	OP Code	
Watershed Cherrycamp Run	Quadrangle Salem 7.5'	
Elevation 1067'	County <u>Harrison</u> District <u>Tenmile</u>	
Description of anticipated Pit Waste:	Drill Water, Frac Blow Back & Various Formation Cuttings	
Will a synthetic liner be used in the pit	t? <u>Yes</u> .	
Reuse (at	oplication und Injection ( UIC Permit Number )	
Proposed Work For Which Pit Will Be  x Drilling Workover Other (Ex	x Swabbing r Plugging	
2005, by the Office of Oil and Gas of enforceable by law. Violations of an action.  I certify under penalty of law all attachments thereto and that, based	and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on a the West Virginia Department of Environmental Protection. I understand that the provisions of the pay term or condition of the general permit and/or other applicable law or regulation can lead to enforw that I have personally examined and am familiar with the information submitted on this application on my inturny of those individuals immediately responsible for obtaining the information, I believ plete. I am aware that there are significant penalties for submitting false information, including the process of the provisions of the	permit are forcement form and re that the possibility
Company Official Signature		
Company Official (Typed Name) Mi Company Official Title	Resident RECEIVE GOS	
Subscribed and sworn before me this	day of Lest Public Notory Public WV Department of Chicago Public Notory Public Environmental Protection of Chicago Public Notory P	•
My commission expires	4/18/2011	

#### LEGEND

Property Boundary	Diversion (())(())
Road = = = = = = = = = = = = = = = = = = =	Spring O
Existing Fence — X — X — X —	Wet Spot
Planned Fence / / /	Drain Pipe with size in inches
Stream Command	Waterway $\longleftrightarrow$
Open Ditch ————————————————————————————————————	Cross Drain 777777777
Rock 636886	Artificial Filter Strip XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
North N	Pit: cut walls
Buildings	Pit: compacted fill walls
Water wells	Area for Land Application of Pit Waste
Drill site	
Proposed Revegetation Treatment: Acres Disturbed  Lime3 Tons/acre or to correct	
Fertilizer (10-20-20 or equivalent)1/3 TO	·
-	Tons/acre
Mulch HAY 2	
	Seed Mixtures
	Seed Mixtures
Area I Seed Type lbs/acre	Seed Mixtures  Area II  Seed Type lbs/acre
·	Area II
Seed Type lbs/acre	Area II Seed Type lbs/acre
Seed Type         lbs/acre           KY-31         40	Area II Seed Type lbs/acre  ORCHARD GRASS 1-5
Seed Type         lbs/acre           KY-31         40           ALSIKE CLOVER         5	Area II Seed Type lbs/acre  ORCHARD GRASS 1-5
Seed Type         lbs/acre           KY-31         40           ALSIKE CLOVER         5	Area II Seed Type lbs/acre  ORCHARD GRASS 1-5  ALSIKE CLOVER 5
Seed Type lbs/acre  KY-31 40  ALSIKE CLOVER 5  ANNUAL RYE 15  Attach:	Area II Seed Type lbs/acre  ORCHARD GRASS 1-5  ALSIKE CLOVER 5
Seed Type lbs/acre  KY-31 40  ALSIKE CLOVER 5  ANNUAL RYE 15  Attach: Drawing(s) of road, location,pit and proposed area for Photocopied section of involved 7.5' topographic sheet	Area II Seed Type lbs/acre  ORCHARD GRASS 1-5  ALSIKE CLOVER 5
Seed Type lbs/acre  KY-31 40  ALSIKE CLOVER 5  ANNUAL RYE 15  Attach: Drawing(s) of road, location, pit and proposed area for	Area II Seed Type lbs/acre  ORCHARD GRASS 1-5  ALSIKE CLOVER 5
Seed Type   lbs/acre   KY-31	Area II Seed Type lbs/acre  ORCHARD GRASS 1-5  ALSIKE CLOVER 5



ALL ROADS SHOWN HEREON ARE EXISTING UNLESS OTHERWISE NOTED AND SHALL BE MAINTAINED IN ACCORDANCE WITH WV D.E.P. OIL AND GAS BMP MANUAL ENTRANCES AT COUNTY/STATE ROADS SHALL BE MAINTAINED IN ACCORDANCE WITH WV D.O.T. REGULATIONS. SEPARATE PERMITS MAY BE REQUIRED BY THE D.O.T.

SEDIMENT BASINS(TRAPS) AND APPROPRIATE EROSION CONTROL BARRIERS ARE TO BE CONSTRUCTED AT ALL CULVERT AND CROSS DRAIN INLETS AND OUTLETS AS REQUIRED IN THE WY D.E.P. OIL AND GAS BMP MANUAL. FIELD CONDITIONS(ROCK OUTCROPS AND BEDROCK) MAY PROHIBIT INLET TRAPS BEING INSTALLED. WHEN THESE CONDITIONS EXIST ADDITIONAL EROSION CONTROL MEASURES SHALL BE EVALUATED AND UTILIZED

EARTHWORK CONTRACTORS ARE RESPONSIBLE FOR NOTIFICATION TO THE OPERATOR AND INSPECTOR PRIOR TO ANY DEVIATION FROM THIS PLAN.

TEMPORARY SEED & MULCH ALL SLOPES AFTER CONSTRUCTION OF LOCATION.

CUT & STACK ALL MARKETABLE TIMBER.

STACK BRUSH BELOW LOCATION FOR SEDIMENT CONTROL.

SMITH LAND SURVEYING, INC.

P.O. BOX 150, GLENVILLE, WV 26351

Phone (304) 462-5634 Fax 462-5656 email: sls@rtol.net

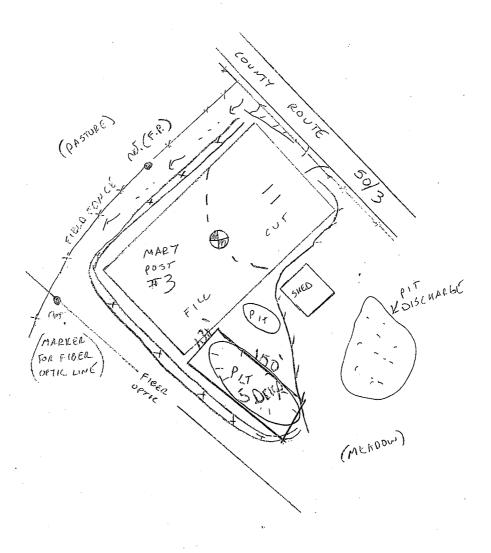
DRAWN BY C.P.M. DATE 8/24/08 FILE NO. 6919

Form WW-9

page of

# Mary Post Lease Well No. 3

SEE ATTACHED SHEET
FOR INFO TO CO.RT. 50/3



ALL ROADS SHOWN HEREON ARE EXISTING UNLESS OTHERWISE NOTED AND SHALL BE MAINTAINED IN ACCORDANCE WITH WV D.E.P. OIL AND GAS BMP MANUAL ENTRANCES AT COUNTY/STATE ROADS SHALL BE MAINTAINED IN ACCORDANCE WITH WV D.O.T. REGULATIONS. SEPARATE PERMITS MAY BE REQUIRED BY THE D.O.T.

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EARTHWORK CONTRACTORS ARE RESPONSIBLE FOR NOTIFICATION TO THE OPERATOR AND INSPECTOR PRIOR TO ANY DEVIATION FROM THIS PLAN.

TEMPORARY SEED & MULCH ALL SLOPES AFTER CONSTRUCTION OF LOCATION.

CUT & STACK ALL MARKETABLE TIMBER.

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SMITH LAND SURVEYING, INC.

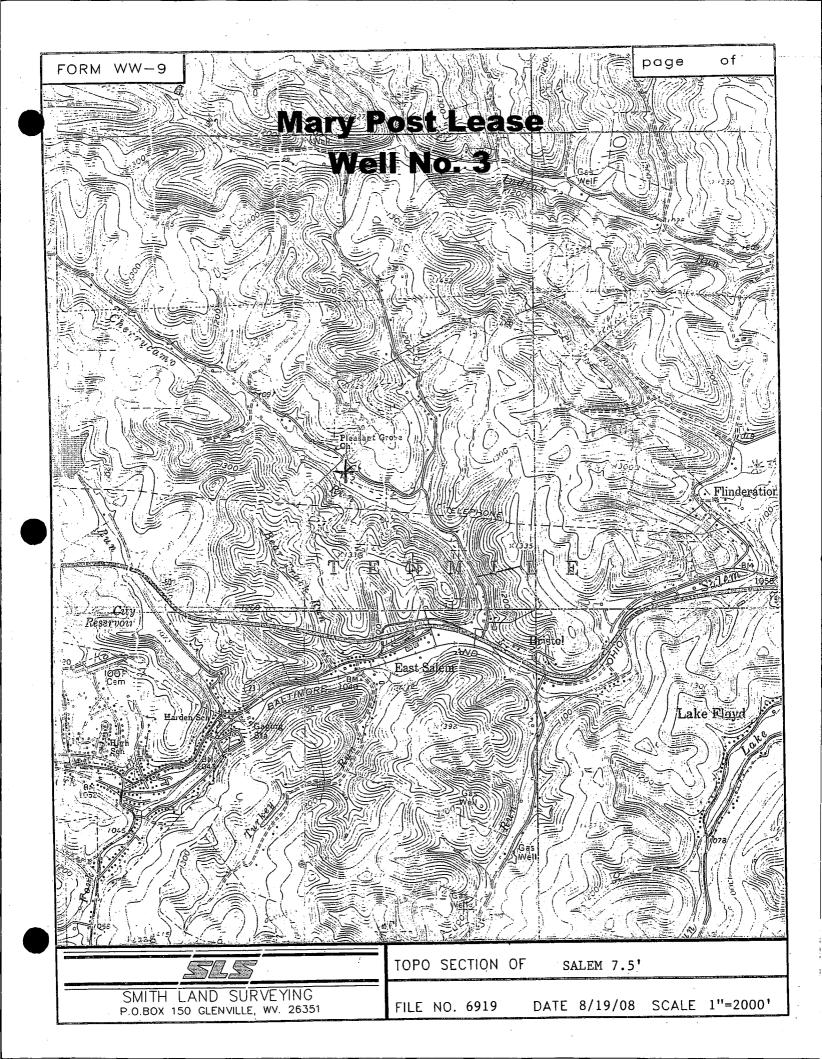
P.O. BOX 150, GLENVILLE, WV 26351

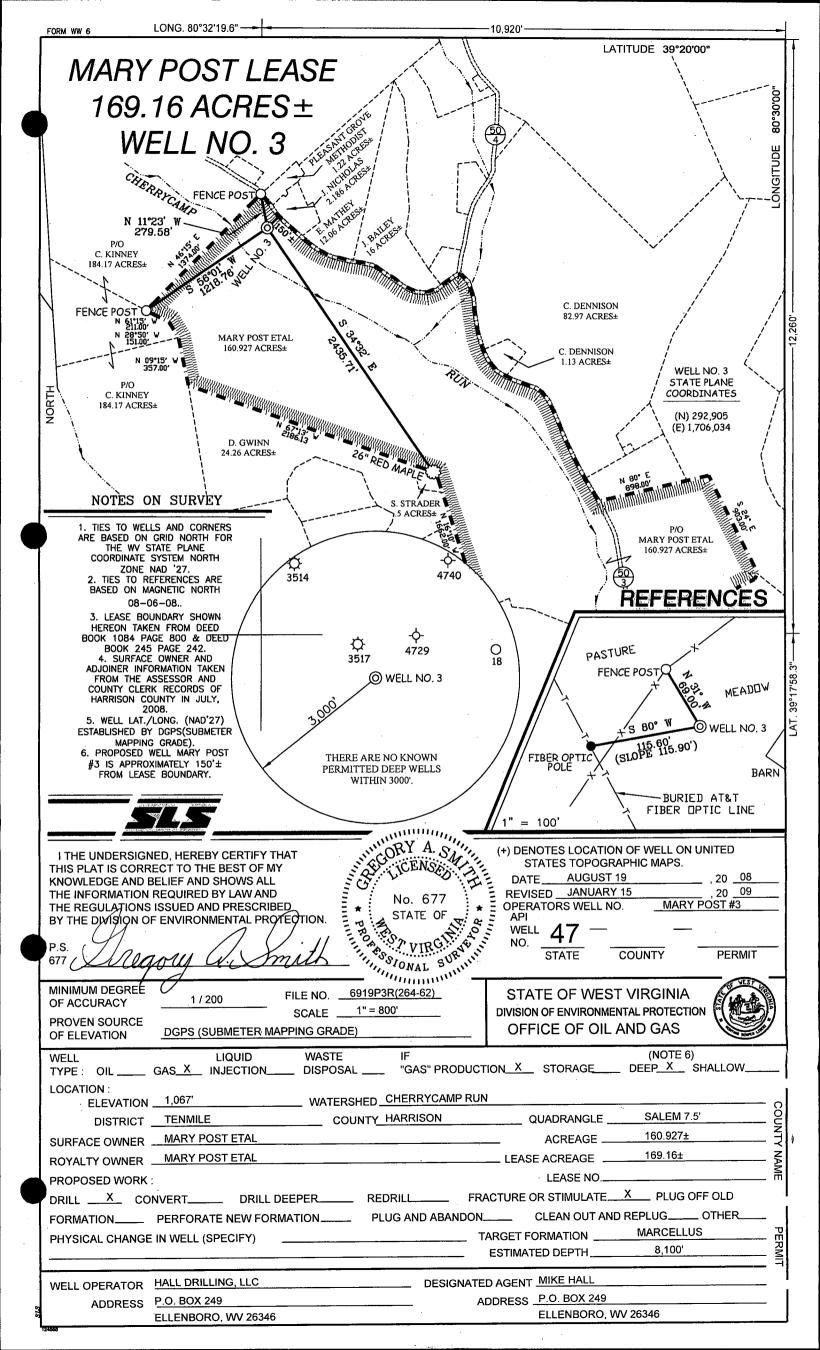
Phone (304) 462-5634 Fax 462-5656 email: sls@rtol.net

DRAWN BY C.P.M.

DATE 8/24/08 FILE NO. 5919

(DMWING NOT TO SCALE)





### SURFACE OWNER WAIVER

County	HARRISON	Operate	or or well nu	ımher	Hall Dilling	LLC T.
		Operati	Ji Well III	ai i i DCi	71. 1031	<u> </u>
	INSTRUCTIO	NS TO SURFACE OWN	NERS NAM	MED ON PAG	E WW2-A	
If the surface appeared on be the only permits are v		han three persons, then the land or because you ceive these materials.) do not own any interes	n these may actually on See Chart in the sully the well of the transfer of the	aterials were occupy the surpter 22 of the face tract, ploperator and the ANY COMI	served on you irface tract. In the West Virgin lease forward the Office of Oil MENT.	because your name either case, you may ia Code. Well work hese materials to the
Oh:-4 Offi-	-601 10			•		
	of Oil and Gas of Environmental Protection	,				
601 57 <sup>th</sup> St. S						•
Charleston, V						•
(304) 926-04			·			
operator files be filed in pe be sure of the handling. If y the planned w  Com well operator from the appl The ( 1) T 2) T 3) E 4) T	and methods for filing control his Application. You have been contacted by work described in these may ments must be in writing as name and well number a dication. You may add other chief has the power to denote the proposed well work will be proposed well work will be proposed well work fails the applicant has committed the proposed well work fails the proposed	e FIFTEEN (15) DAYS at all by the Chief's office but postmaster to ensure by the well operator and atterials, then the permit a g. Your comments muter and the approximate local documents, such as so yor condition a well work constitute a hazard to the ent control plan is not account of the protect fresh water and a substantial violatic and a s	after the filing the time, adequate you have may be isset include action of the ketches, make permit be the safety of lequate or sources; sources or of a premit has failed.	ng date to file stated above delivery time signed a "volued at any time your name, are proposed vaps or photo ased on complete of the state of the s	e your commente. You may call the or to arrang funtary statemente. address and televell site including graphs to suppoments on the following a substantial sach review of a substantial sach r	Its. Comments must the Chief's office to ge special expedited ant of no objection" to lephone number, then district and county ort your comments. Its pllowing grounds:
request a co	py from the Chief.	innit as it is issued o	га сору	or the order	constitution of	permit, you should
List	of Water Testing Laborat	tories. The Office main	itains a list	of water tes	tion Paboratorie	s which you can hire
to test your w	ater to establish water qua	lity prior to and after drill	ling. Conta	act the ChieN	<b>80</b> ob <b>(s</b> ) ha copy	y.
l here	<u>vol</u> bby state that I have read	LUNTARY STATEMEN	T OF NO (	DBJECTION	Na resolved or	nico of a Nation and
Application for	or a Well Work Permit on F	orm WW2-A, and attac	hments co	nsisting of pa	ages 1 through	including a work
order on For	m WW2-B, a survey plat,	and a soil and erosion	n plan, all	for proposed	well work on	my surface land as
described the						
	ner state that I have no obj g issued on those materials		ork describ	ped in these r	naterials, and I	nave no objection to
	TION BY A NATURAL PER		FC	OR EXECUTI	ON BY A COR	PORATION, ETC.
2n 1-	0 - 6 -		0			•
Mary S.	Past Agent Signature	Date <u>y-/3-08</u>	Name _			· · · · · · · · · · · · · · · · · · ·
a .	olynature 0		By _			Date
						Date
			_	Signature		Date
				Cidi (alti) C		Uale

Coal Owner Norticetain No.3
Mary Post No.3

1.8	(Domestic Mail Or	MAIL <sub>IM</sub> REC	Coverage Provided)
ω I	For delivery informa	tion visit our website	at www.usps.cot
면	OFF	ICIAL	USE
Eg,	Postage	\$ 4.80	
Ш	Certified Fee	2.70	Postmark
4000	Return Receipt Fee (Endorsement Required)	2.20	Here
	Restricted Delivery Fee (Endorsement Required)		
1490	Total Postage & Fees		
7007	Sent To Virginia	Tetrick Heirs C	lo Guy Corporation
	Street; Apt. No.; or PO Box No. 139	Lamplighter D	rive
,-	City, State, ZIP+4	gantown, wv	26508
	PS Form 3800. August		See Reverse for Instructions

RECEIVED

Office of Oil & Goes

WV Departmental Protection

Environmental Protection

Operator:	HALL DRILLING, LLC
API:	3305208
WELL No:	MARY POST 4
Reviewed by:	: Date:
15 Day End o	of Comment: 420
	CHECKLIST FOR FILING A PERMIT
	New Well
	WW-2B
$\square$	Inspector signature on WW-2B
	WW-2A (Notarized)
	Certified Mail Receipts, Waivers, or Affidavits of Personal Service
	Surface Owner Waiver
	Coal Owner / Lessee /Operator Waiver
	Surface owner consent and easement.
	WW-2A-1 (Signed) Showing Book/Page number and Royalty Percentage
	WW-2B-1 (Names, addresses, and spot on topographical map listed as water testing)
	WW-9 (Page 1 & 2) (Notarized)
$\boxtimes \square$	Inspector Signature on WW-9
	Reclamation Plan
	Topographic Map of location of well
	Mylar Plat (Signed Sealed) (Surface owner on plat matches WW-2A)
	Well is at least 400 feet from the nearest lease boundary.
. [	Well is at least 3000 feet from the nearest offset deep well.
	Bond
	Company is Registered with the SOS
	Worker's Compensation / Unemployment Insurance account is OK
	\$900.00 Check (\$800.00 if no pit)

## STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS WELL WORK PERMIT APPLICATION

		<u>v</u>	VELL WORK PI	ERMII APPLI	CATION		
1) Well Opera	ator <u>Ha</u>	ıll Drilling	g, LLC		Harrison	Tenmile	Salem 7.5'
				Operator ID	County	District	Quadrangle
2) Operator's	Well Nu	mber: <u> </u>	Mary Post #4	3	) Elevation	on: <u>1281'</u>	<del></del> .
4) Well Type:		: Produ	as <u>x</u> uction <u>x</u> / U		Storage	<del></del>	
5) Proposed 7 6) Proposed 7 7) Approxima	Total Dep	th: <u>810</u>		us Feet 190		· · · · · · · · · · · · · · · · · · ·	
8) Approxima				222			<del></del>
9) Approxima		•		9.8	0-945		
10) Does land	contain	coal sea	ms tributary to	active mine	? <u>No</u>		
11) Describe   to be dril	proposed led 80'	into the	rk To Drill of Onombago	for logging	Purposes, M	propo <u>sed Wel</u> Jarcellus Comple	l Him
•	SPECIFIC		ON AND 10		INTERVALS	CEMEN'	Т
	<u>Size</u>	<u>Grade</u>	Weight per	For Drilling	<u>Left in</u> <u>Well</u>	Fill -up (Cu. F	
Conductor							
Fresh Water	9 5/8		22#	280	250	275	IB
Coal							
Intermediate	7"		16#	2208	2200	C17	
Production	4//2		11.60	8101	8191	0, Ruh 3	5 CSR

Liners
Packers:

Tubing

Kind

Sizes

**Depths Set** 

### **STATE OF WEST VIRGINIA** DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS **WELL WORK PERMIT APPLICATION**

			5.			33 9	596
1) Well Operat	or Hal	l Drilling,	, LLC		Harrison	Tenmile	Salem 7.5'
,			<del></del>	Operator ID	County	District	Quadrangle
2) Operator's \	Well Num	nber: <u>M</u>	ary Post #4	3	Elevatio	n: <u>1281'</u>	<del></del> .
4) Well Type: (	a) Oil	or Ga	as x				
			ction_x_/ U	Inderground	Storage		
-		Deep	<u>x</u> / S	hallow _			
5) Proposed T	araat Eau	rmation/s	a). Maraalli	10			
6) Proposed T	_	•	,	eet			
7) Approximat	•			140			
8) Approximat		-		220	20		
9) Approximat				98	0-945		<del></del>
10) Does land	contain (	coai sear	ns tributary to	active mine	<u> </u>		
11) Describe p	roposed	well wo	rk To Drill ar	nd Stimulate	a New Well		
	<u>-</u>						
	-					·	
<sup>'</sup> 12)		CA	SING AND TUI	BING PROGR	<u>AM</u>		
	PECIFIC	ATIONS		FOOTAGE	INTERVALS	CEMEN	<u> </u>
	Size	Grade	Weight per	For	Left in	Fill -up (Cu. F	t.)
			<u>ft</u>	<b>Drilling</b>	<u>Well</u>	·	
Conductor					·		
Fresh Water	96/2		22*	250	250	<u>ک</u> تاح	IR
Coal				200	200		
Intermediate	7"		16#	2200	2200	275	10/14/08
Production	4/2		11.60	8101	8101	0, Rula 3	5 CSR
	170		17760	7,00		9-11,1	
Tubing				1			
Liners	<u> </u>						
9	ind izes					ECEIVED	
014855	epths Se	et				ECEIV& Gas	•
014855					¥	Office of A PARCE	
7 00						FEB (12	nt of wall
						, stille	" tection
						260gir.	10r0
						My Departal P	COCO
						W Deparme	64010

WW-2	2 <b>A</b>
(Rev.	6-07)

1) Date: August 27, 2008

2) Operator's Well Number Mary Post #4

3) API Well No.: 47 -

State County

Permit

### STATE OF WEST VIRGINIA

## DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE AND APPLICATION FOR A WELL WORK PERMIT

4) Surface Ov	vner(s) to be served:	5) (a) Coal Operator	
(a) Name	Mary Post ₩	Name	
Address	RR 5 Box 1240	Address	
	Salem, WV 26426		
(b) Name		(b) Coal Owner(s) with De	claration
Address		Name Virginia Tetric	IC Heirs Go Gruy Componentic
,		Address 139 Lamplia	
		Morgantoum,	
(a) Nama		Name	WV 20130K
(c) Name		Address	
Address		Address	
6) Inspector	Tim Bennett	(c) Coal Lessee with Decl	aration
Address	737 Karl Street	Name	
	Weston, WV 26452	Address	
Telephone	304-553-1073		
		ED ABOVE TAKE NOTICE TH	
Included is t and gas	he lease or leases or other continu	ing contract or contracts by which l	noid the right to extract oil
OR X Included is 1	the information required by Chapt	er 22, Article 6, Section 8(d) of the	Code of West Virginia (see
page 2)			
I certify t	hat as required under Chapter 22-	of the <u>West Virginia Code</u> I have s	served copies of this notice
		documents pages 1 through	
by:	Personal Service (Affidavit at	ached)	WE'S
<u> </u>	Certified Mail (Postmarked no	stal receipt attached)	E R Gas
	Publication (Notice of Publica	ion attached)	elling "Other
I have re	ad and understand Chapter 22-6	ached) stal receipt attached) ston attached) nd 35 CSR 4, and I agree to heate personally examined and am far hments, and that based on my in nation, I believe that the informat	rms and conditens afany
permit issued ur	ider this application.		LEB "Mene teche
I certify	under penalty of law that I have	personally examined and am far	miliar with the Thformation
submitted on th	nis application form and all attac	nments, and that based on my in	ng <b>ုန်ကို</b> စိတ် <b>(နက်</b> ခဲ့ခဲ့ individuals
immediately res	ponsible for obtaining the infor	nation, I believe that the informa	Hon is view, accurate and
complete.			' '!( <sub>O</sub> '
ı am awa	re that there are significant penalt	es for submitting false information	ancluding the possibility of
fine and impriso	nment. Well Operator	Hall Drilling, LLC	
	By:	Mike Hall	
	its:	Designated Agent	
	Address	AP(0'Box.249	W
		Ellenbord, WV 26346	
	Telephone W	304-869-3405	
Subscribed and	sworn before me this 27 da	of the	7005
1	The state of the s	Notary Pub	
My Commission	Expires 4/18/20	/	
	• • •		

### INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE Chapter 22, Article 6, Section 8(d) IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the oath required to make the verification on page 1 of this Notice and Application, I depose and say that I am the person who signed the Notice and Application for the Applicant, and that -

- (1) the tract of land is the same tract described in this Application, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Grantor, lessor, etc.

Grantee, lessee, etc.

Royalty Book/Page

Mary Post, et al

Ten Michael LLC

Hall Drilling, LLC WV Department of Mike Hall Design Environmental Protection

**Well Operator:** 

By: Its:

### **West Virginia Department of Environmental Protection** Office of Oil and Gas

#### NOTICE TO SURFACE OWNERS

The well operator named below is preparing to file for a permit from the state to drill a new well. Before a well work permit can be filed with the Chief of the Office of Oil and Gas. the well operator is required to have given notice of the right to request water well or spring analytical testing. This notice shall be given to the owners or occupants of land which have a water well or spring being utilized for human consumption, domestic animals, or other general use and which is located within 1000 feet of the proposed well site.

With this form, the operator is giving you notice of your right to request analytical testing. The operator is required to sample and analyze the water wells or springs of all owners or occupants who request it. Therefore, if you wish to have your water well or spring tested, contact the operator named below.

All sampling shall be completed prior to drilling. Within thirty (30) days of the receipt of such sample analyses the operator shall submit the results to the Chief of the Office of Oil and Gas and to the owners or occupants who may have requested them.

If no water well or spring is located within 1000 feet, the Chief may require the operator to sample and analyze water from a water well or spring within 2000 feet of the proposed well site.

Be advised, you have the right to sample and analyze any water supply at your own expense.

The laboratory used by the operator to analyze the samples will be approved by the Chief. The operator named below has decided to use the following laboratory to analyze the water samples:

**Contractor Name** Smith Land Surveying, Inc. Well operator's private laboratory

Well Operator Hall Drilling, LLC
Address P.O. Box 249
Ellenboro, WV 26346
Telephone 304-869-3405

FOR OPERATOR'S USE ONLY: Below, or on an attached page, list those persons which were given this notice. Place an actorick beside the angle) that a matter of the control of the c given this notice. Place an asterisk beside the one(s) that contacted you and requested sampling and analyses. If there were no requests made, indicate by inderling which one you have selected to sample and analyze. If there are no water wells or springs within 1000 feet of the proposed site please indicate such.

NOTE: There appears to be no potable water sources within 1,000', therefore no tests will be run.

WW.	-9
Rev.	02/03

Pa	age <u>4</u>	of _	
API Number 47			
Operator's Well No.	Mary P	ost #4	

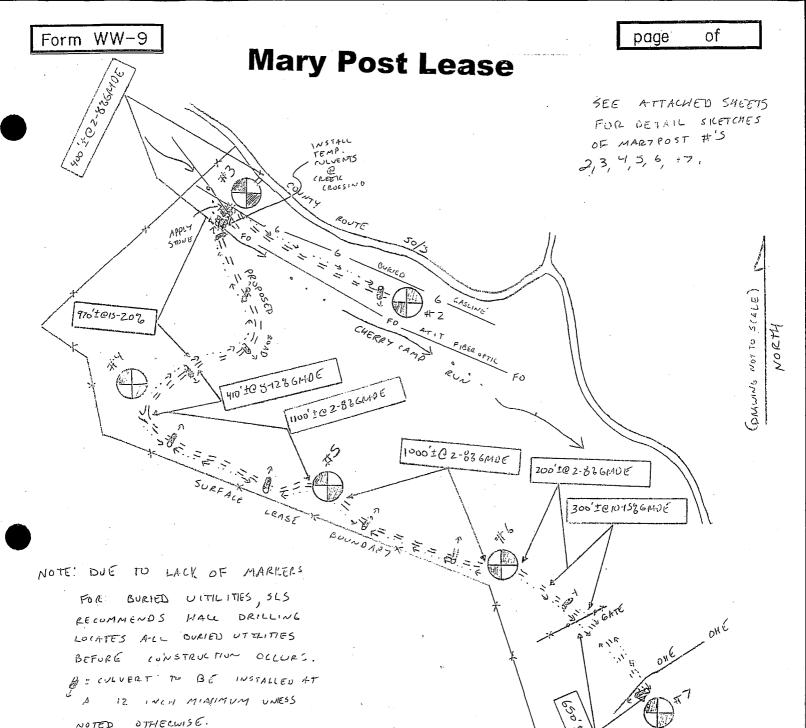
### STATE OF.WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

### CONSTRUCTION AND RECLAMATION PLAN AND SITE REGISTRATION APPLICATION FORM GENERAL PERMIT FOR OIL AND GAS PIT WASTE DISCHARGE

	OP Code	
	Quadrangle Salem 7.5'	
	unty <u>Harrison</u> District <u>Tenmile</u>	
Description of anticipated Pit Waste:Drill Wate	er, Frac Blow Back & Various Formation Cuttings	
Will a synthetic liner be used in the pit? Yes	·	
Reuse (at API NumberOff Site Disposal (Supply	UIC Permit Number) y form WW-9 for disposal location)	
Other (Explain		
Proposed Work For Which Pit Will Be Used:  Drilling Workover Other (Explain	x Swabbing Plugging	
2005, by the Office of Oil and Gas of the West Virgini enforceable by law. Violations of any term or condit action.  I certify under penalty of law that I have pers all attachments thereto and that, based on my inequiry	terms and conditions of the GENERAL WATER POLLUTION PERMIT issued had Department of Environmental Protection. I understand that the provisions of the ition of the general permit and/or other applicable law or regulation can lead to resonally examined and am familiar with the information submitted on this applicate of those individuals immediately responsible for obtaining the information, I be are that there are significant penalties for submitting false information, including the	the permit of enforcement of the
Company Official Signature		
Company Official (Typed Name) Mike Hall		_
Company Official Title / RESIDENT	+ 1	
Subscribed and sworn before me this d	CHICAL SEAL GOOD AND THE CONTROL OF	ction
My commission expires ///	Notory Public Office of J. 4. 2003 Notory Public Office of J. 4. 2003 Notory Public FEB WV Department of WV Departmental Protection of the Commental Protection of the Com	

### LEGEND

Property Boundary	Diversion (////////////////////////////////////	£
Road = = = = = = = = =	<u>−</u> Spring	
Existing Fence — X — X — >	⟨ — Wet Spot   Wet Spot	
Planned Fence / /	Drain Pipe with size in inches	<b>k</b>
Stream	Waterway C+ C+ C+	
Open Ditch		•
Rock 636886	Artificial Filter Strip XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	ς '
North N	Pit: cut walls	
Buildings	Pit: compacted fill walls	
Water wells W	Area for Land Application of Pit Waste	
Drill site		
Lime 3 Tons/a	s Disturbed Prevegetation pH	
Fertilizer (10-20-20 or equivale	nt) 1/3 TON lbs/acre (500 lbs minimum)	
	nt) 1/3 TON lbs/acre (500 lbs minimum)  2 Tons/acre	
<u>.</u>		
Mulch HAY Area I	2Tons/acre  Seed Mixtures  Area II	
Mulch HAY  Area I  Seed Type lbs/a	Z Tons/acre  Seed Mixtures  Area II  cre  Seed Type  lbs/acre	
Mulch HAY  Area I  Seed Type lbs/a  KY-31 40	ZTons/acre  Seed Mixtures  Area II  cre Seed Type lbs/acre  ORCHARD GRASS 1-5	
Mulch HAY  Area I Seed Type lbs/a  KY-31 40  ALSIKE CLOVER 5	Z Tons/acre  Seed Mixtures  Area II  cre  Seed Type  lbs/acre	
Mulch HAY  Area I  Seed Type lbs/a  KY-31 40	ZTons/acre  Seed Mixtures  Area II  cre Seed Type lbs/acre  ORCHARD GRASS 1-5	
Mulch HAY  Area I Seed Type lbs/a  KY-31 40  ALSIKE CLOVER 5	ZTons/acre  Seed Mixtures  Area II  cre Seed Type lbs/acre  ORCHARD GRASS 1-5	
Mulch HAY  Area I Seed Type lbs/a  KY-31 40  ALSIKE CLOVER 5	Tons/acre   Seed Mixtures   Area II	
Mulch HAY  Area I Seed Type lbs/a  KY-31 40  ALSIKE CLOVER 5  ANNUAL RYE 15  Attach:	Seed Mixtures  Area II  Cre  Seed Type  ORCHARD GRASS  ALSIKE CLOVER  Deposed area for land application.	
Mulch HAY  Area I Seed Type lbs/a  KY-31 40  ALSIKE CLOVER 5  ANNUAL RYE 15  Attach: Drawing(s) of road, location, pit and pro-	Seed Mixtures  Area II  Cre  Seed Type  ORCHARD GRASS  ALSIKE CLOVER  Deposed area for land application.	
Mulch HAY  Area I Seed Type lbs/a  KY-31 40  ALSIKE CLOVER 5  ANNUAL RYE 15  Attach: Drawing(s) of road, location, pit and pro-	Seed Mixtures  Area II  Cre  Seed Type  ORCHARD GRASS  ALSIKE CLOVER  Seed Type  Oposed area for land application.  Sographic sheet.	
Area I Seed Type Ibs/a  KY-31 40  ALSIKE CLOVER 5  ANNUAL RYE 15  Attach: Drawing(s) of road, location, pit and prophotocopied section of involved 7.5' top	Seed Mixtures  Area II  Cre  Seed Type  ORCHARD GRASS  ALSIKE CLOVER  Deposed area for land application.	



ALL ROADS SHOWN HEREON ARE EXISTING UNLESS OTHERWISE NOTED AND SHALL BE MAINTAINED IN ACCORDANCE WITH WV D.E.P. OIL AND GAS BMP MANUAL ENTRANCES AT COUNTY/STATE ROADS SHALL BE MAINTAINED IN ACCORDANCE WITH WV D.O.T. REGULATIONS. SEPARATE PERMITS MAY BE REQUIRED BY THE D.O.T.

OTHERWISE.

NOTED

SEDIMENT BASINS(TRAPS) AND APPROPRIATE EROSION CONTROL BARRIERS ARE TO BE CONSTRUCTED AT ALL CULVERT AND CROSS DRAIN INLETS AND OUTLETS AS REQUIRED IN THE WV D.E.P. OIL AND GAS BMP MANUAL. FIELD CONDITIONS(ROCK OUTCROPS AND BEDROCK) MAY PROHIBIT INLET TRAPS BEING INSTALLED. WHEN THESE CONDITIONS EXIST ADDITIONAL EROSION CONTROL MEASURES SHALL BE EVALUATED AND UTILIZED AS NEEDED

EARTHWORK CONTRACTORS ARE RESPONSIBLE FOR NOTIFICATION TO THE OPERATOR AND INSPECTOR PRIOR TO ANY DEVIATION FROM THIS PLAN.

TEMPORARY SEED & MULCH ALL SLOPES AFTER CONSTRUCTION OF LOCATION.

CUT & STACK ALL MARKETABLE TIMBER.

STACK BRUSH BELOW LOCATION FOR SEDIMENT CONTROL.



SMITH LAND SURVEYING, INC.

P.O. BOX 150, GLENVILLE, WV 26351

Phone (304) 462-5634 Fax 462-5656 email: sls@rtol.net

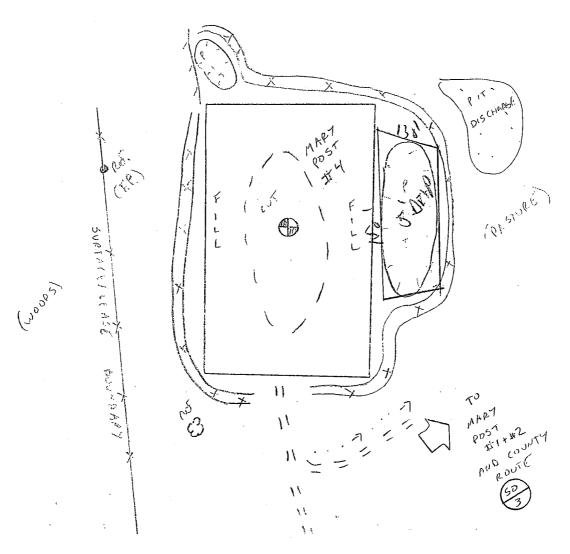
DATE 8/24/08 FILE NO. 6919 C.P.M. DRAWN BY

Form WW-9

page of

# Mary Post Lease Well No. 4

SEE ATTACHED SHEET FOR INFO TO CO.RT. SO/3



ALL ROADS SHOWN HEREON ARE EXISTING UNLESS OTHERWISE NOTED AND SHALL BE MAINTAINED IN ACCORDANCE WITH WV D.E.P. OIL AND GAS BMP MANUAL ENTRANCES AT COUNTY/STATE ROADS SHALL BE MAINTAINED IN ACCORDANCE WITH WV D.O.T. REGULATIONS. SEPARATE PERMITS MAY BE REQUIRED BY THE D.O.T.

SEDIMENT BASINS(TRAPS) AND APPROPRIATÉ EROSION CONTROL BARRIERS ARE TO BE CONSTRUCTED AT ALL CULVERT AND CROSS DRAIN INLETS AND OUTLETS AS REQUIRED IN THE WV D.E.P. OIL AND GAS BMP MANUAL. FIELD CONDITIONS(ROCK OUTCROPS AND BEDROCK) MAY PROHIBIT INLET TRAPS BEING INSTALLED. WHEN THESE CONDITIONS EXIST ADDITIONAL EROSION CONTROL MEASURES SHALL BE EVALUATED AND UTILIZED AS NEEDED.

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TEMPORARY SEED & MULCH ALL SLOPES AFTER CONSTRUCTION OF LOCATION.

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STACK BRUSH BELOW LOCATION FOR SEDIMENT CONTROL.

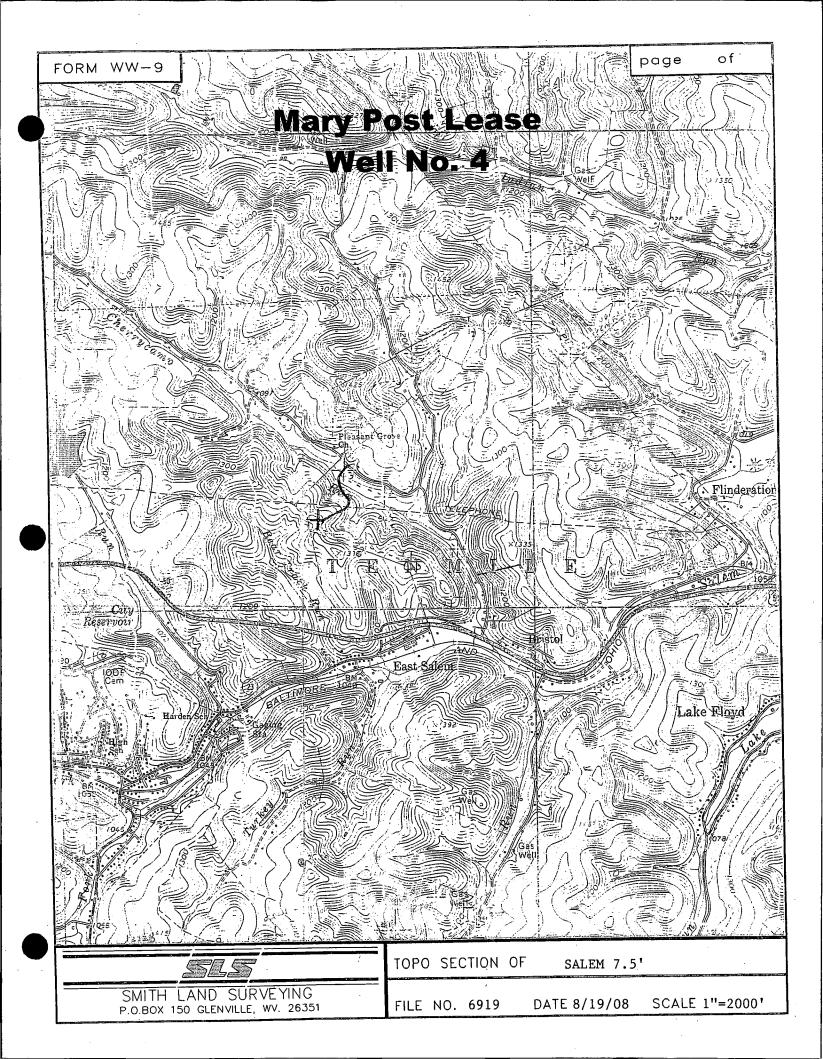


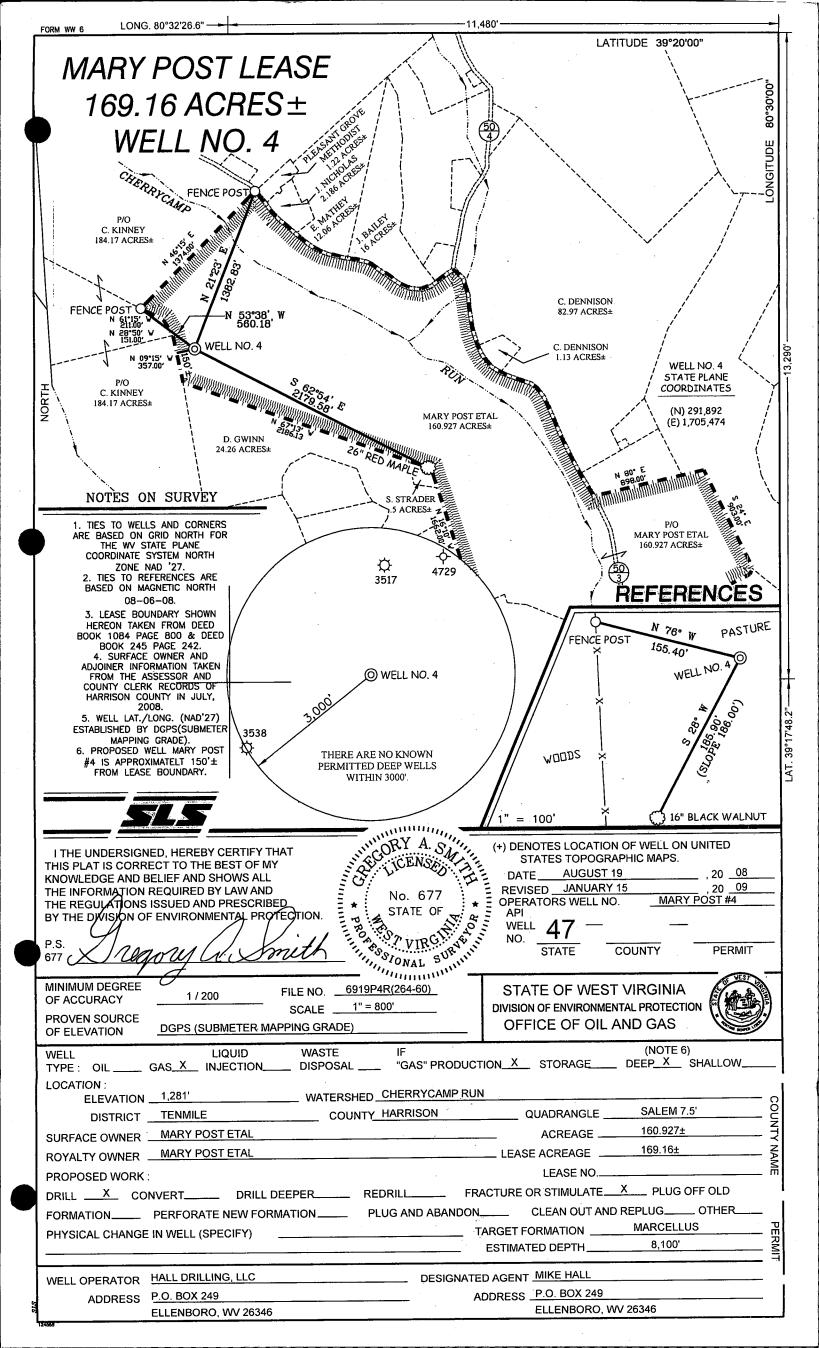
Phone (304) 462-5634 Fax 462-5656 email: sls@rtol.net

P.O. BOX 150, GLENVILLE, WV 26351

DRAWN BY C. P.M. DATE 3/24/08 FILE NO. 6919

SERWING NOT 13 SCALE)
NORTH





		SURFACE OW	NER WAIVER	
County	HARRIGON	Opera	itor itor well number	Hall Drilling, LLC M. Post #4
	INSTRUCTIO	NS TO SURFACE OV	NERS NAMED ON PA	GE WW2-A
appeared on be the only of permits are v	the Sheriff's tax ticket on to owner who will actually re- ralid for 24 months. If you nmediately if you know who NOTE: YO	han three persons, the the land or because you ceive these materials do not own any intered it is. Also, please not DU ARE NOT REQUIR	en these materials were ou actually occupy the s .) See Chapter 22 of est in the surface tract	tate to do oil or gas well work. (Note e served on you because your name surface tract. In either case, you may the West Virginia Code. Well work please forward these materials to the the Office of Oil and Gas.  MENT.  IFORMATION:
Department of 601 57th St. St. St. Charleston, V (304) 926-048 Time Limits operator files be filed in perbe sure, of the handling. If y the planned w Commodification from the application for the sure of the commodification for the commodification for order on Form described ther I furth a permit being FOR EXECUT	and methods for filing control his Application. You have reson or received in the mained date. Check with your round have been contacted by ork described in these mained as a mane and well number a cation. You may add other chief has the power to deny the proposed well work will he soil erosion and sedime amage would occur to publishe applicant has committed a want a copy of the peroposed well work fails the applicant has committed to the rules promulgated want a copy of the peroposed well work fails the applicant has committed to want a copy of the peroposed well work fails the applicant has committed to the rules promulgated want a copy of the peroposed well work fails the applicant has committed to want a copy of the peroposed well work fails the applicant has committed to want a copy of the peroposed well work fails the applicant has committed to be stablish water quality want a copy of the peroposed well work fails the want a copy of the peroposed w	pmments. The law red FIFTEEN (15) DAYS ill by the Chief's office of postmaster to ensury the well operator and terials, then the permit and the approximate lower documents, such as a constitute a hazard to ent control plan is not a slicity owned lands or red a substantial violation and and enterials. The Office mainty prior to and after driving prior to and after driving the instructions to surface and a soil and eroside ection to the planned we soon.	after the filing date to f by the time stated above re adequate delivery ti d you have signed a "ve may be issued at any to ust include your name, recation of the proposed sketches, maps or photo ork permit based on core the safety of persons, dequate or effective; sources; sources or supplies; on of a previous permit and has failed to abate or a copy of the orde  ntains a list of water te filling. Contact the Chief TOF NO OBJECTION ace owners and that I he chments consisting of p on plan, all for propose work described in these  FOR EXECUT Company	o be served on or before the date the ile your comments. Comments must be. You may call the Chief's office to me or to arrange special expedited pluntary statement of no objection" to ime.  address and telephone number, the well site including district and county ographs to support your comments. In ments on the following grounds:  The control of the violation of one or the control of the permit, who should sting laboratories which you can hire it to obtain a control of the control
Mary X.	Yast: Signature	Date 8-13-08	Ву	
,			Its	Date
			Signature	Date

Coal Owner North control
Wary Post No.4

1.0 1.0	(Domestic Mail On	MAIL <sub>TE</sub> REC	overage Provided)
m	For delivery information	tion visit our website	at www.usps.come
₽	OFF	ICIAL	USE
ᅋ	Postage	\$ 4.80	
m	Certified Fee	2.70	Postment
<b>+000</b>	Return Receipt Fee (Endorsement Required)	2.20	Here
	Restricted Delivery Fee (Endorsement Required)		
7H20	Total Postage & Fees		
7007	Sent To Virginia Street, Apt. No.;	Tetrick Helis	clo Guy Corporation
7	or PO Box No. 139	<u>Lamplighter I</u> gantown, WV	26508
	PS Form 3800. August	2006	See Reverse for Instructions

RECEIVED

Office of Oil & Gas

NV Department of
Environmental Protection
Environmental Protection

•
IG A PERMIT
Service
lty Percentage
ap listed as water testing)
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t is OK

## STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS WELL WORK PERMIT APPLICATION

	ator Ha	all Drilling	g, LLC		Harrison	Tenmile	Salem 7.5'
				Operator ID	County	District	Quadrangle
2) Operator's	Well Nu	mber: <u> </u>	Mary Post #5	;	3) Elevati	on: <u>1256'</u>	·· <del>····</del>
4) Well Type:	(a) Oil	or G	Sasx_				
	(b) If Gas	: Produ	uction <u>x</u> /		l Storage		
		Deep		Shallow <sub>-</sub>			
5) Proposed <sup>1</sup>	Target Fo	rmation(	(s): <u>Marcell</u>	us	· 		
6) Proposed 7	Total Dep	th: <u>810</u>	00'	Feet			
7) Approxima 8) Approxima				2200			
9) Approxima	te coal s	eam dept	ths:	980	- 988		
0) Does land	contain	coal sea	ms tributary to	active mine	? <u>No</u>		<del></del>
11) Describe	nronoeor	l wall wa	ark To Drill a			,	
he drilled	さい。 Probosed	the O	ork TO Drill o	lnol Stimulat	e new well,	proposed <u>Well</u> sellus complet	to
DE (HVINEA	OO WHO	) THE U	hondaga tor	nogging pur	poses, man	cellus complet	100
12)	,	CA	SING AND TU	RING PROGE	2AM		
•	SPECIFIC				INTERVALS	CEMENT	
						<b>VLIVILIA</b>	• '
	Size	<u>Grade</u>	Weight per	<u>For</u>	Left in	Fill -up (Cu. F	
^ .	Size	<u>Grade</u>	Weight per ft	For Drilling	<u>Left in</u> <u>Well</u>		
Conductor	Size	<u>Grade</u>					
<del></del>		Grade	<u>ft</u>	Drilling	Well	Fill -up (Cu. F	
Fresh Water	95/8	Grade	221				
Fresh Water Coal		Grade	221	Drilling 260	2 60	Fill -up (Cu. Fi	L)
Fresh Water Coal Intermediate	95/8	Grade	<u>ft</u>	Drilling	Well	Fill -up (Cu. Fi	L)
Fresh Water Coal Intermediate Production	9 <sup>5</sup> /8	Grade	221	260 \\ 2200 \	260 2200	Fill -up (Cu. F	L)
Fresh Water Coal Intermediate Production Tubing	9 <sup>5</sup> /8	Grade	221	260 \\ 2200 \	260 2200	Fill -up (Cu. Fi	L)
Production Tubing Liners Packers: K	95/8	Grade	221	260 \\ 2200 \	260 2200	Fill -up (Cu. Fi	L)
Fresh Water Coal Intermediate Production Tubing Liners Packers: K S	95/8 7" 4//c		221	260 \\ 2200 \	260 2200	Fill -up (Cu. Fi	L)

### STATE OF WEST VIRGINIA

33-05209

### DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS WELL WORK PERMIT APPLICATION

						3 9	59
1) Well Operat	or <u>Hal</u>	l Drilling	, LLC		Harrison	Tenmile	Salem 7.5'
				Operator ID	County	District	Quadrangle
2) Operator's	Well Num	nber: <u> </u>	lary Post #5	3	Elevatio	n: <u>1256'</u>	·
4) Well Type: (	a) Oil	or G	26 Y				
		Produ	ction <u>x</u> / U	_	Storage		
		Deep	<u>x</u> / S	hallow _			
5) Proposed T	arget Fo	rmation(s	s): <u>Marcellu</u>	ıs			
6) Proposed T				eet			
7) Approximat 8) Approximat				2200	•		<del></del>
9) Approximat	e coal se	am dept	hs:	980 -	.680,		
10) Does land	contain (	coal sea	ms tributary to	active mine?	<u> </u>		
11) Describe p	roposed	well wo	rk <u>To Drill ar</u>	nd Stimulate	a New Well		
				-			· · · · · · · · · · · · · · · · · · ·
				,			
12)	A	CA	SING AND TU	RING PROGR	ΔM		
•	PECIFIC		IOING AIND TO		INTERVALS	CEMEN	<u>T</u>
	<u>Size</u>	<u>Grade</u>	Weight per	For Drilling	<u>Left in</u> <u>Well</u>	Fill -up (Cu. I	<del>-t.)</del>
Conductor					·		
Fresh Water	95/8		22#	250`	260	Ç27	JB.
Coal					·		10/14/08
Intermediate	7"		110	2200	2200	275	
Production	4/1		11.60	8100	8100	8y entre 30	490
Tubing					_		
Liners							
	ind	<u> </u>	<u> </u>	·	<u>L</u> .		
	izes				- = 1	JED	
017000	epths Se	)T 			PECE!	il <sup>®</sup> Gas	
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)					FED	partment of Partment of Protection	M
					you Del	Paral Protection	
					VIW *	AUIO.	
					Environm	partment of Protection	

WW-2	2 <b>A</b>
(Rev.	6-07)

1) Date: August 27, 2008

2) Operator's Well Number Mary Post #5

3) API Well No.: 47 -

State County

Permit

# STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE AND APPLICATION FOR A WELL WORK PERMIT

4) Surface Of	wner(s) to be servea:	5) (a) Co	al Operator
(a) Name	Mary Post	Name	<u> </u>
Address	RR 5 Box 1240	Address	
	Salem, WV 26426	•	
(b) Name		(b) Coal O	wner(s) with Declaration
Àddress		Name	Virginia Tetrick Heirs C/o Guy Corporated
		Address	139 Lamplighter Drive
		<u> </u>	Morgantown WV 26508
(c) Name		Name	Thought today, but seem
Address		Address	· · · · · · · · · · · · · · · · · · ·
Audiess		Addie35	<del></del>
6) Inspector	Tim Bennett	(c) Coal Le	essee with Declaration
Address	737 Karl Street	Name	
	Weston, WV 26452	Address	
Telephone			
	TO THE PERSONS NA		
	he lease or leases or other conti	nuing contract or co	ontracts by which I hold the right to extract oil
and gas			
OR X Included is	the information required by Cha	nter 22. Article 6. S	ection 8(d) of the Code of West Virginia (see
page 2)	me member required by end	p	conon o(a) or the coat of those triginia (coo
	that as required under Chapter 2	2-6 of the West Virg	ginia Code I have served copies of this notice
and application,	a location plat, and accompany	ing documents page	es 1 through on the above named parties
by:	Demonstration (Affidentia	-44 11\	
	Personal Service (Aπidavit a	aπacneα) nootol receipt ettech	CEN & Gas
	— Certified Wall (Postmarked	postal receipt attach cation attached)	red) profile only
l have re	Personal Service (Affidavit a Certified Mail (Postmarked peublication (Notice of Publicad and understand Chapter 22-6 nder this application.  under penalty of law that I have application form and all attemponsible for obtaining the info	and 35 CSR 4 and	d I agreed the terms and conditions of any
permit issued ur	nder this application.		t based on any linguistic of those individuals
I certify	under penalty of law that I ha	ive personally exar	mined and am familiar with the information
submitted on the	nis application form and all att	achments, and that	t based on my inquite of those individuals
immediately res	ponsible for obtaining the info	ormation, I believe	that the information is true, accurate and
complete.	re that there are significant nens	ulties for submitting	false information, including the possibility of
fine and impriso		ittes for submitting	raise intermation, including the possibility of
	non ing all		
	Well Operato	r Hall Drilling LLD	
	Well Operato	Hall Drilling LLO Mike Hall	
	Well Operato By: STAT Its:	Designated Agent	
	By: STAT	Designated Agent	
	By STAT Its: Address	Mike Hall // Designated Agent P.O. Box 249 Ellenboro, WV 26	
	By: STATE Address  Telephone	Mike Hall Designated Agent P.O. Box 249 Ellenboro, WV 26 304-869 3405	346
Subscribed and	By: STATE Address  Telephone	Mike Hall // Designated Agent P.O. Box 249 Ellenboro, WV 26	346 , _2008
Subscribed and  My Commission	By: Its: Address  Telephone sworn before me this	Mike Hall Designated Agent P.O. Box 249 Ellenboro, WV 26 304-869 3405	346

### INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE Chapter 22, Article 6, Section 8(d) IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the oath required to make the verification on page 1 of this Notice and Application, I depose and say that I am the person who signed the Notice and Application for the Applicant, and that -

- (1) the tract of land is the same tract described in this Application, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Grantor, lessor, etc.

Grantee, lessee, etc.

Royalty Book/Page

Mary Post, et al

Jen Male Land LLC 1/8th 12.5% 1420/872

RECEIVED
Office of Oil & Gas FEH CA YUUY

And Department of Hall Drilling, LEction Mike Hall

Design

**Well Operator:** 

By: Its:

**Designated Agent** 

#### West Virginia Department of Environmental Protection Office of Oil and Gas

#### NOTICE TO SURFACE OWNERS

The well operator named below is preparing to file for a permit from the state to drill a new well. Before a well work permit can be filed with the Chief of the Office of Oil and Gas, the well operator is required to have given notice of the right to request water well or spring analytical testing. This notice shall be given to the owners or occupants of land which have a water well or spring being utilized for human consumption, domestic animals, or other general use and which is located within 1000 feet of the proposed well site.

With this form, the operator is giving you notice of your right to request analytical testing. The operator is required to sample and analyze the water wells or springs of all owners or occupants who request it. Therefore, if you wish to have your water well or spring tested, contact the operator named below.

All sampling shall be completed prior to drilling. Within thirty (30) days of the receipt of such sample analyses the operator shall submit the results to the Chief of the Office of Oil and Gas and to the owners or occupants who may have requested them.

If no water well or spring is located within 1000 feet, the Chief may require the operator to sample and analyze water from a water well or spring within 2000 feet of the proposed well site.

Be advised, you have the right to sample and analyze any water supply at your own expense.

The laboratory used by the operator to analyze the samples will be approved by the Chief. The operator named below has decided to use the following laboratory to analyze the water samples:

**Contractor Name** Smith Land Surveying, Inc. Well operator's private laboratory

Well Operator Hall Drilling, LLC
Address P.O. Box 249
Ellenboro, WV 26346
Telephone 304-869-3405

FOR OPERATOR'S USE ONLY: Below, or on an attached page 10st those persons which were given this notice. Place an asterisk beside the operatorial contested your and required. Well operator's private laboratory

given this notice. Place an asterisk beside the one(s) what contacted you and requested sampling and analyses. If there were no requests made, indicate by underling which one you have selected to sample and analyze. If there are no water wells or springs within 1000 feet of the proposed site please indicate such.

NOTE: There appears to be no potable water sources within 1,000', therefore no tests will be run.

WW	-9
Rev.	02/03

Pa	ige <u>4</u> of
API Number 47	<u> </u>
Operator's Well No.	Mary Post #5

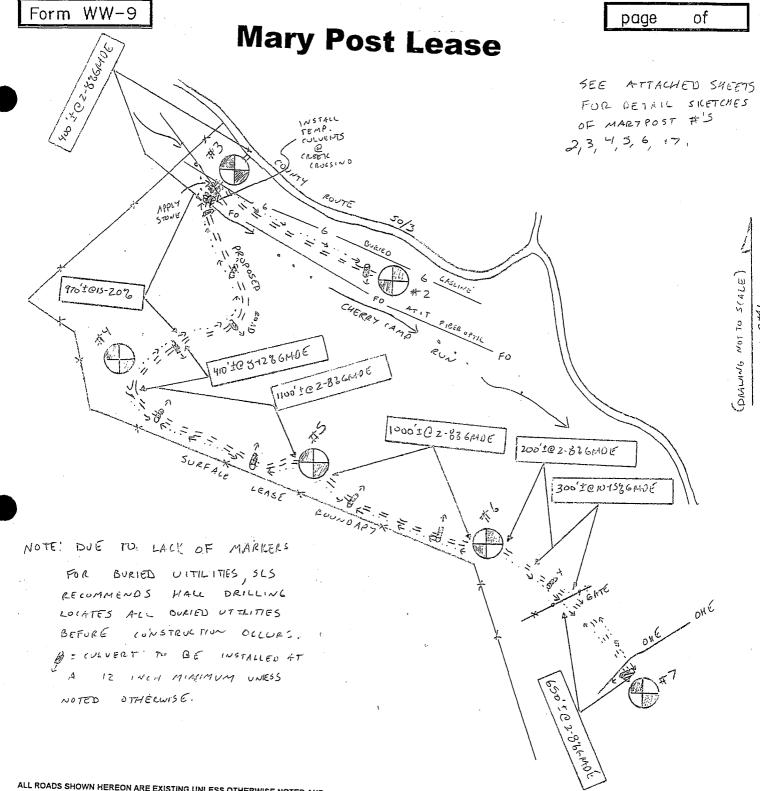
## STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

### CONSTRUCTION AND RECLAMATION PLAN AND SITE REGISTRATION APPLICATION FORM GENERAL PERMIT FOR OIL AND GAS PIT WASTE DISCHARGE

•			
Operator Name _	Hall Drilling, LLC	OP Code	
WatershedC	herrycamp Run	Quadrangle Salem 7.5'	
Elevation _1256	3'	County Harrison District Tenmile	
Description of an	nticipated Pit Waste:	Drill Water, Frac Blow Back & Various Formation Cuttings	
Will a synthetic l	iner be used in the pit?	<u>Yes</u> .	
Proposed Dispos	al Method For Treated Pi	Pit Wastes:	
	x Land Applic		
		d Injection (UIC Permit Number)	
	Reuse (at AF	PI Number )	
	Off Site Disp	posal (Supply form WW-9 for disposal location)	
	Other (Expla		
Duamanad Wards T	7 Williah Dia Will D. 11-	r., J.	
Proposed work r	For Which Pit Will Be Us		
	<u>x</u> Drilling Workover	<u>x</u> Swabbing	
		Plugging Plugging	
	Other (Expla	ain	
•			
enforceable by la action.  I certify all attachments the	www. Violations of any te y under penalty of law the hereto and that, based on he, accurate, and complete homent.	e West Virginia Department of Environmental Protection. I understand that the provision term or condition of the general permit and/or other applicable law or regulation can leave that I have personally examined and am familiar with the information submitted on this applicable for obtaining the information may include the I am aware that there are significant penalties for submitting false information, included	ead to enforcement oplication form and a liberity of the liberity of the possibility of t
Company Official	I (Typed Name) Mike I	Hall CEN & Gas	<del>_</del>
Company Official	Title Factor	deat Read of Chillips	n in
	<del></del>	On FA COUNTY	ection.
Subscribed and sv	worn before me this	Hall  deat  Cofficial Seal  Approximately public with a property public principle and property p	•
Mu commission a	veniros.	Hickory	

### LEGEND

Property Boundary	<b>A</b>	Diversion ((1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)	11.1.1.1.1.1.11111
Road = = = = =	====	Spring O	
Existing Fence — X —	_x x	Wet Spot	
Planned Fence/	//	Drain Pipe with size in inches	— @ — <b>—</b>
Stream	7 7 7	Waterway $\longleftrightarrow$	$\leftrightarrow$
Open Ditch —————		Cross Drain 77777777	
Rock 68688		Artificial Filter Strip XXXXXX	XXXXXXXXX
North N		Pit: cut walls	
Buildings		Pit: compacted fill walls	
Water wells W		Area for Land Application of Pit Wast	(C
Drill site			
Proposed Revegetation Treatr	ment: Acres Disturbed	/, 76 <sup>1</sup> /- Prevegetation pl	Ι
	Tons/acre or to correct t	·	
·	or equivalent) 1/3 TON	·	
Fertilizer (10-20-20	01 0qui (mont)	103/4010 (500 103 111111111111111)	
	2T		
Mulch HAY	T		
Mulch HAY	2T	ons/acre	ea II
Mulch HAY	T	ons/acre	ea II lbs/acre
Mulch HAY	2T Se ea I	ons/acre eed Mixtures Are	
Mulch HAY  Are Seed Type  KY-31  ALSIKE CLOVER	2 T Se ea I lbs/acre	ons/acre  eed Mixtures  Are  Seed Type	lbs/acre
Mulch HAY  Are Seed Type  KY-31	2T Se ea I lbs/acre 40	ons/acre  eed Mixtures  Are Seed Type  ORCHARD GRASS	lbs/acre
Mulch HAY  Are Seed Type  KY-31  ALSIKE CLOVER	2 T Se ea I lbs/acre 40 5	ons/acre  eed Mixtures  Are Seed Type  ORCHARD GRASS	lbs/acre
Mulch HAY  Are Seed Type  KY-31  ALSIKE CLOVER  ANNUAL RYE  Attach:	2 T Se ea I lbs/acre 40 5 15	Cons/acre  eed Mixtures  Are Seed Type  ORCHARD GRASS  ALSIKE CLOVER	lbs/acre
Mulch HAY  Are Seed Type  KY-31  ALSIKE CLOVER  ANNUAL RYE  Attach: Drawing(s) of road, location	2 T See I Ibs/acre 40 5 15	Cons/acre  eed Mixtures  Are Seed Type  ORCHARD GRASS  ALSIKE CLOVER	lbs/acre
Mulch HAY  Are Seed Type  KY-31  ALSIKE CLOVER  ANNUAL RYE  Attach:	2 T See I Ibs/acre 40 5 15	Cons/acre  eed Mixtures  Are Seed Type  ORCHARD GRASS  ALSIKE CLOVER	lbs/acre
Mulch HAY  Are Seed Type  KY-31  ALSIKE CLOVER  ANNUAL RYE  Attach: Drawing(s) of road, location	2 T See I Ibs/acre 40 5 15 .pit and proposed area for larved 7.5' topographic sheet.	Cons/acre  eed Mixtures  Are Seed Type  ORCHARD GRASS  ALSIKE CLOVER	lbs/acre
Mulch HAY  Are Seed Type  KY-31  ALSIKE CLOVER  ANNUAL RYE  Attach: Drawing(s) of road, location Photocopied section of involution	2 T See I Ibs/acre 40 5 15 .pit and proposed area for larved 7.5' topographic sheet.	Cons/acre  eed Mixtures  Are Seed Type  ORCHARD GRASS  ALSIKE CLOVER	lbs/acre



ALL ROADS SHOWN HEREON ARE EXISTING UNLESS OTHERWISE NOTED AND SHALL BE MAINTAINED IN ACCORDANCE WITH WV D.E.P. OIL AND GAS BMP MANUAL SHALL BE MAINTAINED IN ACCORDANCE WITH WY D.E.P. OIL AND GAS DIMP MANUAL ENTRANCES AT COUNTY/STATE ROADS SHALL BE MAINTAINED IN ACCORDANCE WITH WV D.O.T. REGULATIONS. SEPARATE PERMITS MAY BE REQUIRED BY THE D.O.T.

SEDIMENT BASINS(TRAPS) AND APPROPRIATE EROSION CONTROL BARRIERS ARE TO BE CONSTRUCTED AT ALL CULVERT AND CROSS DRAIN INLETS AND OUTLETS AS REQUIRED IN THE WV D.E.P. OIL AND GAS BMP MANUAL. FIELD CONDITIONS(ROCK OUTCROPS AND BEDROCK) MAY PROHIBIT INLET TRAPS BEING INSTALLED. WHEN THESE CONDITIONS EXIST ADDITIONAL EROSION CONTROL MEASURES SHALL BE EVALUATED AND UTILIZED

EARTHWORK CONTRACTORS ARE RESPONSIBLE FOR NOTIFICATION TO THE OPERATOR AND INSPECTOR PRIOR TO ANY DEVIATION FROM THIS PLAN.

TEMPORARY SEED & MULCH ALL SLOPES AFTER CONSTRUCTION OF LOCATION.

CUT & STACK ALL MARKETABLE TIMBER.

STACK BRUSH BELOW LOCATION FOR SEDIMENT CONTROL.

SMITH LAND SURVEYING, INC.

Phone (304) 462-5634 Fax 462-5656 email: sls@rtol.net

DRAWN BY C.P.M.

P.O. BOX 150, GLENVILLE, WV 26351

DATE 8/24/08 FILE NO. 6919 Form WW-9

Mary Post Lease Well No. 5 page of

SEE ATTACHED SHEET

Sue Face of Cass of Ca

ALL ROADS SHOWN HEREON ARE EXISTING UNLESS OTHERWISE NOTED AND SHALL BE MAINTAINED IN ACCORDANCE WITH WV D.E.P. OIL AND GAS BMP MANUAL ENTRANCES AT COUNTY/STATE ROADS SHALL BE MAINTAINED IN ACCORDANCE WITH WV D.O.T. REGULATIONS. SEPARATE PERMITS MAY BE REQUIRED BY THE D.O.T.

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SMITH LAND SURVEYING, INC.

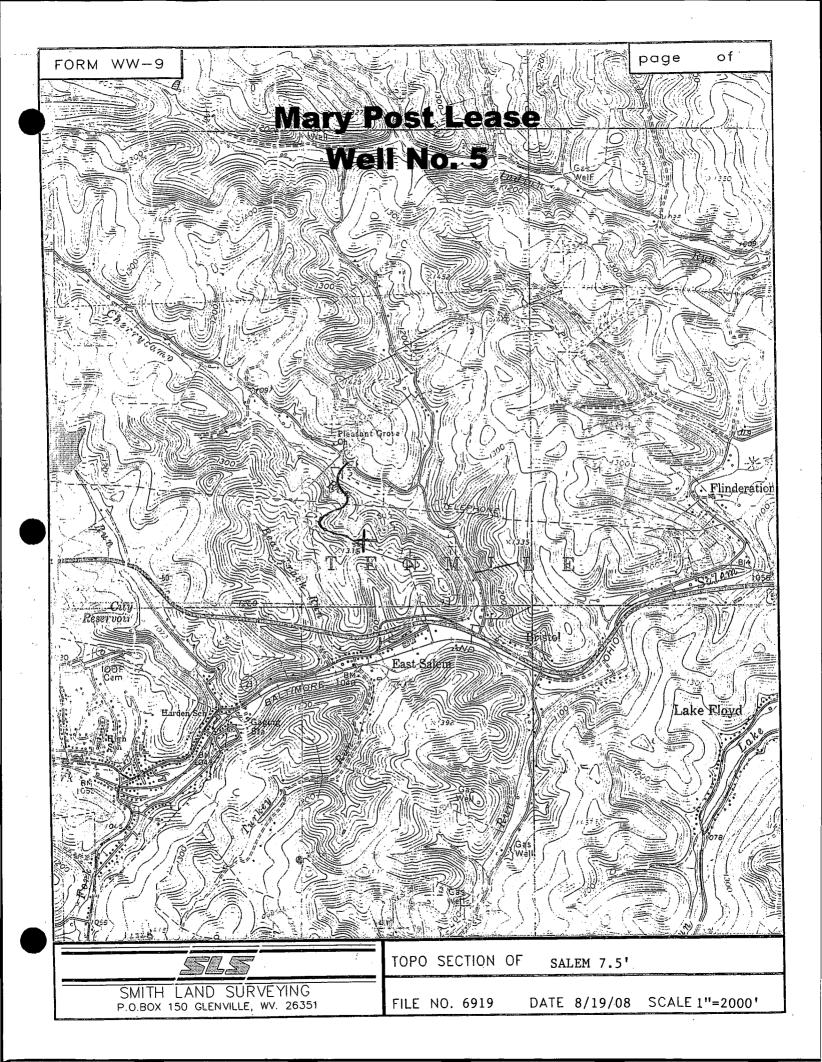
P.O. BOX 150, GLENVILLE, WV 26351

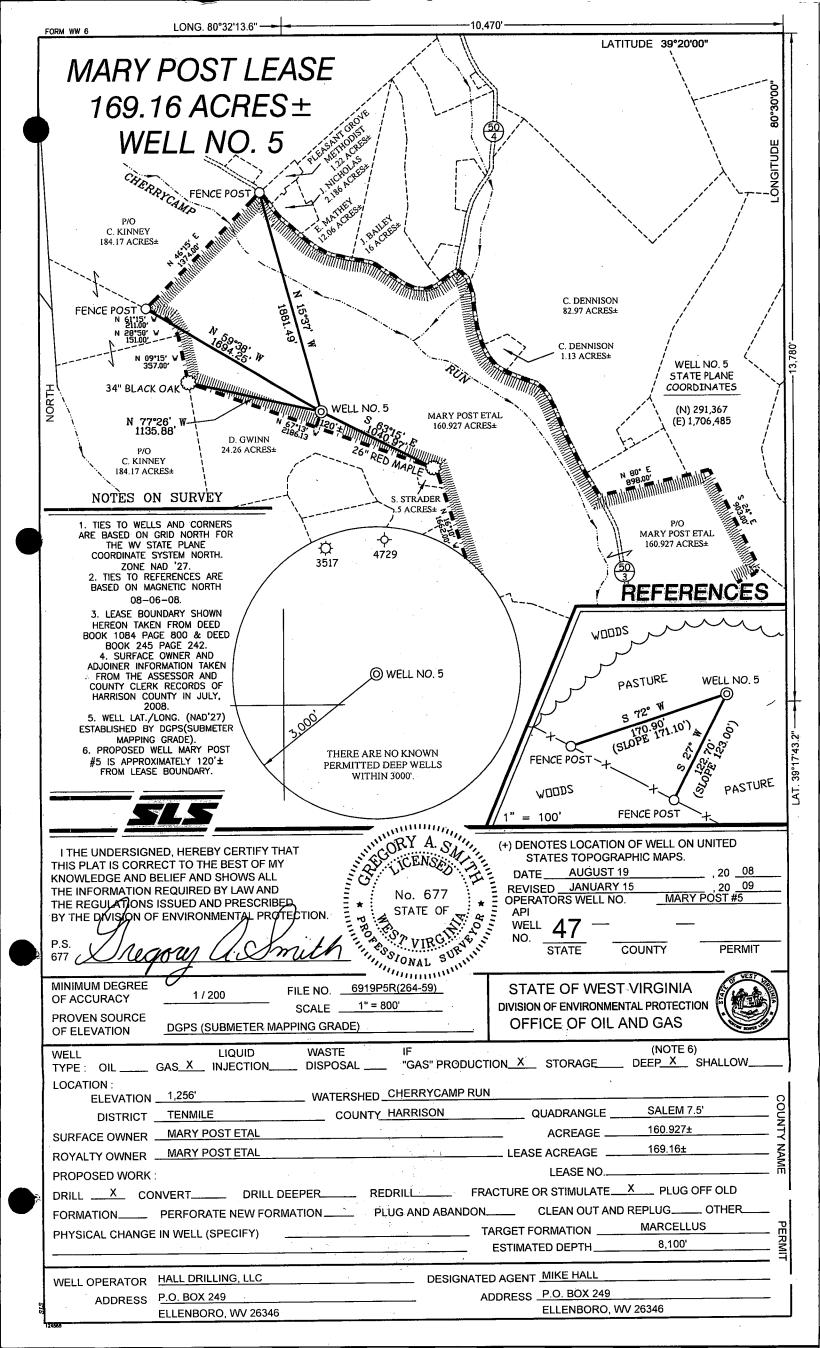
Phone (304) 462-5634 Fax 462-5656 email: sls@rtol.net

DRAWN BY C.P.M. DATE 3/24/00 FILE NO. 6919

(pramine may to state)

#156 +7





	St	URFACE OWNER W	AIVER	
County	HARRISIN	Operator Operator well	number	M. Past #5
	INSTRUCTIONS TO	SURFACE OWNERS N	AMED ON PAGE	<u> </u>
appeared on be the only of permits are v	e tract is owned by more than the the Sheriff's tax ticket on the land owner who will actually receive alid for 24 months. If you do not mediately if you know who it is.  NOTE: YOU AR	ree persons, then these of or because you actuall these materials.) See Cot own any interest in the	materials were s y occupy the surf Chapter 22 of the surface tract, ple Il operator and the ILE ANY COMM	ENT.
be filed in period be sure of the handling. If you well operator from the appliance of the control of the contr	and methods for filing comme his Application. You have FIFT! reson or received in the mail by the date. Check with your post you have been contacted by the work described in these materials ments must be in writing. You so name and well number and the cation. You may add other docu chief has the power to deny or combine soil erosion and sediment contamage would occur to publicly or the proposed well work fails to proposed well work fails to proposed well work fails to propose of the rules promulgated under want a copy of the permit a py from the Chief.  In Water Testing Laboratories. The permit of the permit and the contament of the rules are water to establish water quality proposed well work fails to propose of the permit and the contament of the permit and the permit of the permit	EEN (15) DAYS after the ne Chief's office by the tire master to ensure adequate well operator and you have, then the permit may be a proximate location of ments, such as sketches ordition a well work permitiute a hazard to the safet and plan is not adequate when a lands or resources; otect fresh water sources ubstantial violation of a plan is it is issued or a cope The Office maintains a per to and after drilling. Con the lands of	filing date to file ne stated above. ate delivery time we signed a "volu issued at any time the proposed we maps or photog to based on commy of persons or effective;  or supplies: or supp	ddress and telephone number, the ell site including district and county raphs to support your comments. nents on the following grounds:  Casubstantial violation of one or seek beview of the violation".  denying the period, you should not borateries which you can hire obtain a copy.
l furth a permit being			FOR EXECUTIO	aterials, and I have no objection to N BY A CORPORATION, ETC.
Mary K	Pest Agent Da Signature Da	Compa ate <u>8-73-09</u> Name By Its	· · · · · · · · · · · · · · · · · · ·	Date
			Signature	Date

Coal Owner Northicochion
Many Post No. 5

	U.S. Postal Service TEA CERTIFIED MAIL TEA RECEIPT (Domestic Mail Only; No Insurance Coverage Provided)							
밁	(Domestic Mail Or	ıly; No In	surance	Coverage	-Tovidea)			
Ш	For delivery informa	tion visit	our websit	e at www.us	os.com <sub>®</sub>			
40	OFF	IC	A	L U	SE			
6.32 1	Postage	\$ 4.	80					
m	Certified Fee	<u>a.</u>	70		ostmerk			
4000	Return Receipt Fee (Endorsement Required)	<u>a.</u>	20	13-20	Here			
	Restricted Delivery Fee (Endorsement Required)							
1,490	Total Postage & Fees	\$ 9.	70					
	Sent To				<u></u>			
<u>r_</u>	Virginia	Tetrick	<u>. Heirs</u>	90 Cryy	Carparation			
7007	or PO Box No. 139	Lamp	lighter	Drive				
•	City, State, ZIP+4	an ata	in w	1 26508	š			
				See Rev	erse for Instructions			
	PS Form 3800. August	2000						

RECEIVED

RECEIVED

Office of Oil & Gas

Office of Oil & Gas

WV Department of

Environmental Protection

Environmental Protection

Operator:	HALL DRILLING, LLC
API:	3305210
WELL No:	MARY POST 6
Reviewed b	py: Date:
15 Day End	of Comment: $\frac{2120}{}$
	CHECKLIST FOR FILING A PERMIT
	New Well
	WW-2B
	Inspector signature on WW-2B
	WW-2A (Notarized)
	Certified Mail Receipts, Waivers, or Affidavits of Personal Service
	Surface Owner Waiver
	Coal Owner / Lessee /Operator Waiver
	Surface owner consent and easement.
	WW-2A-1 (Signed) Showing Book/Page number and Royalty Percentage
	WW-2B-1 (Names, addresses, and spot on topographical map listed as water testing)
	WW-9 (Page 1 & 2) (Notarized)
	Inspector Signature on WW-9
	Reclamation Plan
	Topographic Map of location of well
	Mylar Plat (Signed Sealed) (Surface owner on plat matches WW-2A)
	Well is at least 400 feet from the nearest lease boundary.
	Well is at least 3000 feet from the nearest offset deep well.
	Bond
	Company is Registered with the SOS
	Worker's Compensation / Unemployment Insurance account is OK

\$900.00 Check (\$800.00 if no pit)

## STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS WELL WORK PERMIT APPLICATION

1) Well Opera	ator <u>Ha</u>	II Drilling	g, LLC		Harriso	on Tenmile	Salem 7.5
				Operator ID	County	District	Quadrangle
2) Operator's	Well Nu	mber: <u>I</u>	Mary Post #6	· · · · · · · · · · · · · · · · · · ·	3) Eleva	tion: <u>1300</u>	)* 
4) Well Type:	(a) Oil_ (b) If Gas	: Produ	uction <u>x</u> /		l Storage		
6) Proposed 7) Approxima 8) Approxima 9) Approxima 10) Does land	Total Dep te fresh v te salt wa te coal se I contain	ormation( oth: 810 water strater deptican deptical sea I well wo	ata depths: hs: ths: ms tributary to rk To Drill o	eative mine active mine logging Pur	z new well poses , Ma	, Proposed W	Jell to
•	SPECIFIC		SING AND TU		<u>RAM</u> INTERVAL	S CEME	-NT
	<u>Size</u>	<u>Grade</u>	Weight per	For Drilling	Left in Well	Fill -up (Cu	
Conductor							
Fresh Water	95/81		22#	250	260	CTS .	- R
Coal				700	200		——————————————————————————————————————
Intermediate	7"		16#	2266	22661	CTS	
Production	41/2		11.10	8100'	81001	By Rulk 3	6 058
Tubing							<del></del>
Liners							
	ind izes		<u> </u>		<u> </u>	<del></del>	

## STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

WELL WORK P	ERMIT APPLICA	ATION 3	3 9	596
1) Well Operator Hall Drilling, LLC		Harrison	Tenmile	Salem 7.5'
	Operator ID	County	District	Quadrangle
2) Operator's Well Number: Mary Post #6	3)	Elevation:	1300'	
4) Well Type: (a) Oil or Gas x				

(b) If Gas: Production <u>x</u> / Underground Storage Deep <u>x</u> / Shallow	
5) Proposed Target Formation(s): Marcellus 6) Proposed Total Depth: 8100' Feet	
7) Approximate fresh water strata depths: 8) Approximate salt water depths: 9) Approximate coal seam depths:	
10) Does land contain coal seams tributary to active mine? No	
11) Describe proposed well work	· · ·

**CASING AND TUBING PROGRAM** SPECIFICATIONS **TYPF** 

TITE SPECIFICATIONS			FOOTAGE INTERVALS CEMENT				
•	<u>Size</u>	<u>Grade</u>	Weight per	For Drilling	<u>Left in</u> <u>Well</u>	Fill -up (Cu. Ft.)	
Conductor	• .		•				
Fresh Water	95%"	5 12	32#	250	260	CTS	TB.
Coal							10/14/08
Intermediate	7"		16#	2266	22661	CTS	10/74/00
Production	41/2		11.60	8100'	81001	By Rule JE ase	<u>.</u>
Tubing							J

Liners Packers:

Kind

Sizes

0148 55 Depths Set

900

PECEIVED Office of Oil & Gas

FFR 1. 4 5000 W Department of Wironmental Protection Environmental Protection

4444-2M		1) DateMuyust 21, 2000
(Rev. 6-07)		2) Operator's Well Number Mary Post #6
consists automorphism and the constraints of		3) API Well No.: 47 -
	•	State County Permit
	STATE	OF WEST VIRGINIA
DEPARTM	MENT OF ENVIRONMEN	TAL PROTECTION, OFFICE OF OIL AND GAS
		TION FOR A WELL WORK PERMIT
	NOTICE AND ALL LIOA	HON I ON A WELL WORK I LIMIT
4) Sunface O	······································	E) (a) Caal Operator
•	wner(s) to be served:	5) (a) Coal Operator
(a) Name	Mary Post ₩	Name
Address	RR 5 Box 1240	Address
	Salem, WV 26426	•
(b) Name	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(b) Coal Owner(s) with Declaration
Address		Name Virginia Tetrac Heirs/ c/o Gruy Corporation
		Address 139 Lamplighter Drive
		- ST Campingham Dive
(c) Name		Morgantoum, WV 26508
Address		Address
6) Inoncetor	Tim Bennett	(a) Coal Logge with Declaration
6) Inspector		(c) Coal Lessee with Declaration
Address	737 Karl Street	Name
	Monton MAN 26452	Addroop

### TO THE PERSONS NAMED ABOVE TAKE NOTICE THAT:

Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas

<u>X</u>	Included is the information required by Chapter 22, Article 6, Section 8(d	d) of the Code of West Virginia (see
	page 2)	•
	I certify that as required under Chapter 22-6 of the West Virginia Code	e I have served copies of this notice
an	d application, a location plat, and accompanying documents pages 1 throu	ugh on the above named parties
by:	4	- LIVE Gas
_	Personal Service (Affidavit attached)	Cas Gas

Personal Service (Affidavit attached)

X Certified Mail (Postmarked postal receipt attached)

Publication (Notice of Publication attached)

I have read and understand Chapter 22-6 and 35 CSR 4, and I agree to the terms and conditions of any permit issued under this application.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete.

I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Well Operator Hall Drilling, LLC	
By: Mike Hall	
Address P.O. Box 249	
Address P.O. Box 249	
Ellenbaro, WV 26346	

Subscribed and sworn before methis 4 day of

Notary Public

My Commission Expires

Telephone 304-553-1073

110 3011

Operator's Well Number Mary Post #6

### INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE Chapter 22, Article 6, Section 8(d) IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the oath required to make the verification on page 1 of this Notice and Application, I depose and say that I am the person who signed the Notice and Application for the Applicant, and that -

- (1) the tract of land is the same tract described in this Application, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Grantor, lessor, etc.

Grantee, lessee, etc.

Royalty Book/Page

Jennoch Janes LLC Sett a 1420/872

Mary Post, et al

100 1. 2. A 211119 Environmental Protection MN Department of

Well Operator:

By:

Its:

Hall Drilling, LLC

Mike Hall

**Designated Agent** 

## West Virginia Department of Environmental Protection Office of Oil and Gas

#### **NOTICE TO SURFACE OWNERS**

The well operator named below is preparing to file for a permit from the state to drill a new well. Before a well work permit can be filed with the Chief of the Office of Oil and Gas, the well operator is required to have given notice of the right to request water well or spring analytical testing. This notice shall be given to the owners or occupants of land which have a water well or spring being utilized for human consumption, domestic animals, or other general use and which is located within 1000 feet of the proposed well site.

With this form, the operator is giving you notice of your right to request analytical testing. The operator is required to sample and analyze the water wells or springs of all owners or occupants who request it. Therefore, if you wish to have your water well or spring tested, contact the operator named below.

All sampling shall be completed prior to drilling. Within thirty (30) days of the receipt of such sample analyses the operator shall submit the results to the Chief of the Office of Oil and Gas and to the owners or occupants who may have requested them.

If no water well or spring is located within 1000 feet, the Chief may require the operator to sample and analyze water from a water well or spring within 2000 feet of the proposed well site.

Be advised, you have the right to sample and analyze any water supply at your own expense.

The laboratory used by the operator to analyze the samples will be approved by the Chief. The operator named below has decided to use the following laboratory to analyze the water samples:

**Contractor Name** Well operator's private laboratory Smith Land Surveying, Inc. RECEIVED
Office of Oil & Gas
FEB ( & FUILTY

Well Operator Hall Drilling, LLC

Address

P.O. Box 249

Ellenboro, WV 26346
Telephone 304-869-3405

FOR OPERATOR'S USE ONLY: Below, or on an attached page, list those persons which were given this notice. Place an asterick boolds the contact that are a likely than the contact than the contact that are a likely than the contact than the contact that are a likely than the contact than the contact than the contact that the given this notice. Place an asterisk beside the one(s) that contacted you and requested sampling and analyses. If there were no requests made, indicate by underling which one you have selected to sample and analyze. If there are no water wells or springs within 1000 feet of the proposed site please indicate such.

NOTE: There appears to be no potable water sources within 1,000', therefore no tests will be run.

WW.	-9
Rev.	02/03

1	Page _	4	of	•		
API Number 47						
Operator's Well No.	M	ary Post	#6		•	***************************************

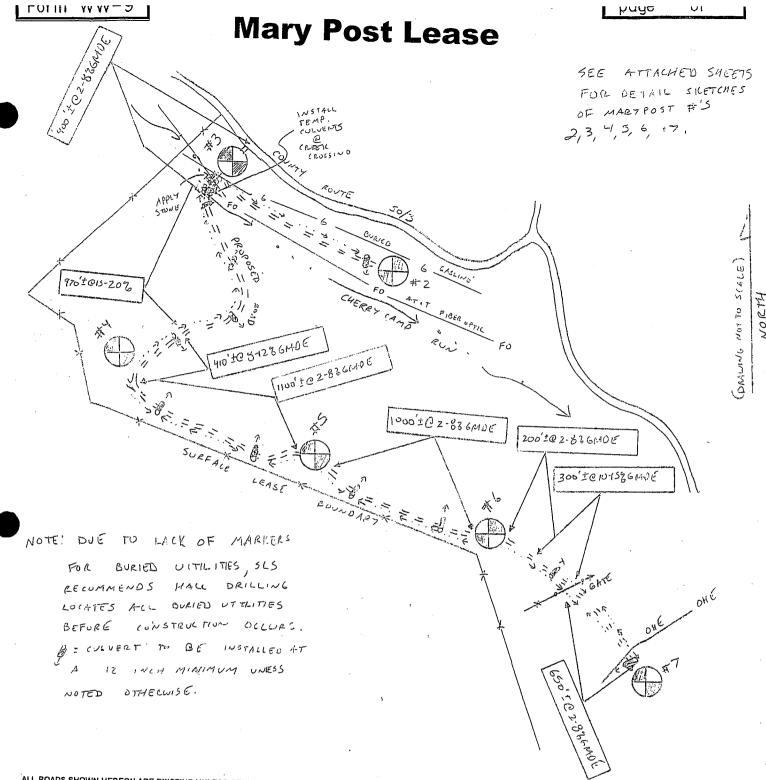
# STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

# CONSTRUCTION AND RECLAMATION PLAN AND SITE REGISTRATION APPLICATION FORM GENERAL PERMIT FOR OIL AND GAS PIT WASTE DISCHARGE

Operator Name	Hall Drilling, LLC			OP Co	ode		<del></del>
WatershedCh	nerrycamp Run			Quadrangle	Salem 7.5'	agantanian dan yang dipunggan pagan dan pana	
Elevation _1300'		County _	Harrison	Dis	trict <u>Tenmile</u>		
Description of ant	ticipated Pit Waste:D	rill Water, F	rac Blow Bacl	& Various For	mation Cutting	<u>s</u>	_
Will a synthetic li	ner be used in the pit?	<u>Yes</u>	·				
Proposed Disposa	al Method For Treated Pit W  x Land Application Underground Inj Reuse (at API N Off Site Disposa Other (Explain	on ection (UIC umber I (Supply form					
Proposed Work F	or Which Pit Will Be Used:  Drilling Workover Other (Explain_		x Swab				<del></del>
2005, by the Officenforceable by la action.  I certify all attachments the	that I understand and agree ce of Oil and Gas of the Webw. Violations of any term vunder penalty of law that I nereto and that, based on mee, accurate, and complete.	est Virginia De or condition have persona y inquiry of the	epartment of En of the general p lly examined an nose individuals	vironmental Proto permit and/or oth d am familiar wit immediately resp	ection. I underst er applicable lav th the information ponsible for obta for submitting fal	and that the provous or regulation of submitted on the information, is information, in the information of the inf	visions of the permit are can lead to enforcement an application form an lation, I believe that the including the possibility
Company Official	l Signature						Cas
• •	l (Typed Name) <u>Mike Hal</u>					C Colle	· Lung
Company Official	1 Title Falsica	ENE CONTRACTOR	. The section of the			Office	- TUBLY OF CHION
Subscribed and sv	worn before me this	day o	NOTABLE CO.	PERMIC SET VIRIGINIA REPORT OF SERVICE	, 20 OS	Environm	Cas Cas Parment of Parment of Colion
My commission e	expires	118/20	· //		<i>:</i>		

## LEGEND

Property Boundary	<b>—</b>	Diversion (()()()()()()()()()()()()()()()()()()(	
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Existing Fence — X — _X -	X	Wet Spot	
Planned Fence / /	_ /	Drain Pipe with size in inches	- (2)
Stream	777	Waterway $\longleftrightarrow$	$\hookrightarrow$
Open Ditch ———		Cross Drain 7777777	
Rock of Selection		Artificial Filter Strip XXXXXXX	XXXXXXXXX
North N		Pit: cut walls	
Buildings		Pit: compacted fill walls	*
Water wells W		Area for Land Application of Pit Waste	
Drill site			
		ct to pH 6.5	
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Fertilizer (10-20-20 or eq	2		. · · · · · · · · · · · · · · · · · · ·
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Mulch HAY  Area I  Seed Type  KY-31  ALSIKE CLOVER	2 Ibs/acre 40 5	_Tons/acre Seed Mixtures  Area Seed Type	lbs/acre
Mulch HAY  Area I  Seed Type  KY-31	2  lbs/acre  40	_Tons/acre Seed Mixtures  Area Seed Type  ORCHARD GRASS	lbs/acre
Mulch HAY  Area I  Seed Type  KY-31  ALSIKE CLOVER	2  1bs/acre  40  5	Tons/acre  Seed Mixtures  Area  Seed Type  ORCHARD GRASS  ALSIKE CLOVER	lbs/acre
Mulch HAY  Area I  Seed Type  KY-31  ALSIKE CLOVER  ANNUAL RYE  Attach:	lbs/acre 40 5 15	_Tons/acre Seed Mixtures  Area Seed Type  ORCHARD GRASS  ALSIKE CLOVER  land application.	lbs/acre
Mulch HAY  Area I Seed Type  KY-31  ALSIKE CLOVER  ANNUAL RYE  Attach: Drawing(s) of road, location, pit a	lbs/acre 40 5 15	_Tons/acre Seed Mixtures  Area Seed Type  ORCHARD GRASS  ALSIKE CLOVER  land application.	lbs/acre
Area I Seed Type  KY-31  ALSIKE CLOVER  ANNUAL RYE  Attach: Drawing(s) of road, location,pit at the complex of	lbs/acre 40 5 15	_Tons/acre Seed Mixtures  Area Seed Type  ORCHARD GRASS  ALSIKE CLOVER  land application.	lbs/acre



ALL ROADS SHOWN HEREON ARE EXISTING UNLESS OTHERWISE NOTED AND SHALL BE MAINTAINED IN ACCORDANCE WITH WV D.E.P. OIL AND GAS BMP MANUAL ENTRANCES AT COUNTY/STATE ROADS SHALL BE MAINTAINED IN ACCORDANCE WITH WV D.O.T. REGULATIONS. SEPARATE PERMITS MAY BE REQUIRED BY THE D.O.T.

SEDIMENT BASINS(TRAPS) AND APPROPRIATE EROSION CONTROL BARRIERS ARE TO BE CONSTRUCTED AT ALL CULVERT AND CROSS DRAIN INLETS AND OUTLETS AS REQUIRED IN THE WV D.E.P. OIL AND GAS BMP MANUAL. FIELD CONDITIONS(ROCK OUTCROPS AND BEDROCK) MAY PROHIBIT INLET TRAPS BEING INSTALLED. WHEN THESE CONDITIONS EXIST ADDITIONAL EROSION CONTROL MEASURES SHALL BE EVALUATED AND UTILIZED

EARTHWORK CONTRACTORS ARE RESPONSIBLE FOR NOTIFICATION TO THE OPERATOR AND INSPECTOR PRIOR TO ANY DEVIATION FROM THIS PLAN.

TEMPORARY SEED & MULCH ALL SLOPES AFTER CONSTRUCTION OF LOCATION.

CUT & STACK ALL MARKETABLE TIMBER.

STACK BRUSH BELOW LOCATION FOR SEDIMENT CONTROL.

SMITH LAND SURVEYING, INC.

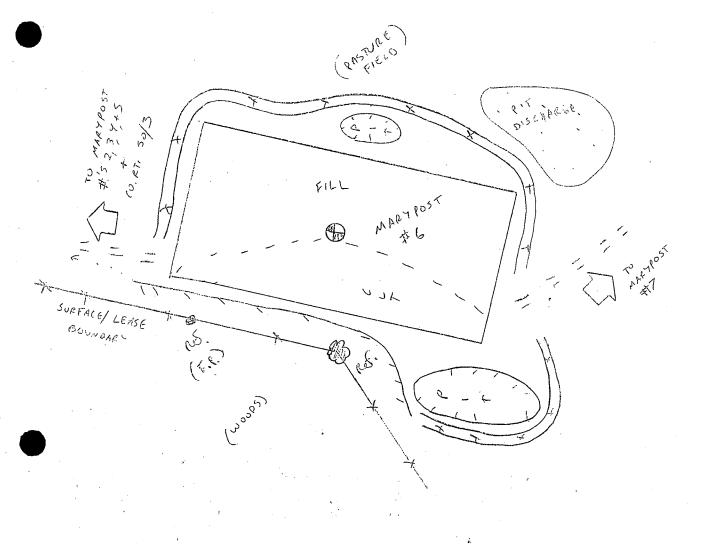
P.O. BOX 150, GLENVILLE, WV 26351

Phone (304) 462-5634 Fax 462-5656 email: sls@rtol.net

DRAWN BY C.P.M. DATE 8/24/08 FILE NO. 6919

# Mary Post Lease Well No. 6

SEE ATTACHED SHEET FOR INFO TO CO. FT 50/3



ALL ROADS SHOWN HEREON ARE EXISTING UNLESS OTHERWISE NOTED AND SHALL BE MAINTAINED IN ACCORDANCE WITH WY D.E.P. OIL AND GAS BMP MANUAL ENTRANCES AT COUNTY/STATE ROADS SHALL BE MAINTAINED IN ACCORDANCE WITH WY D.O.T. REGULATIONS. SEPARATE PERMITS MAY BE REQUIRED BY THE D.O.T.

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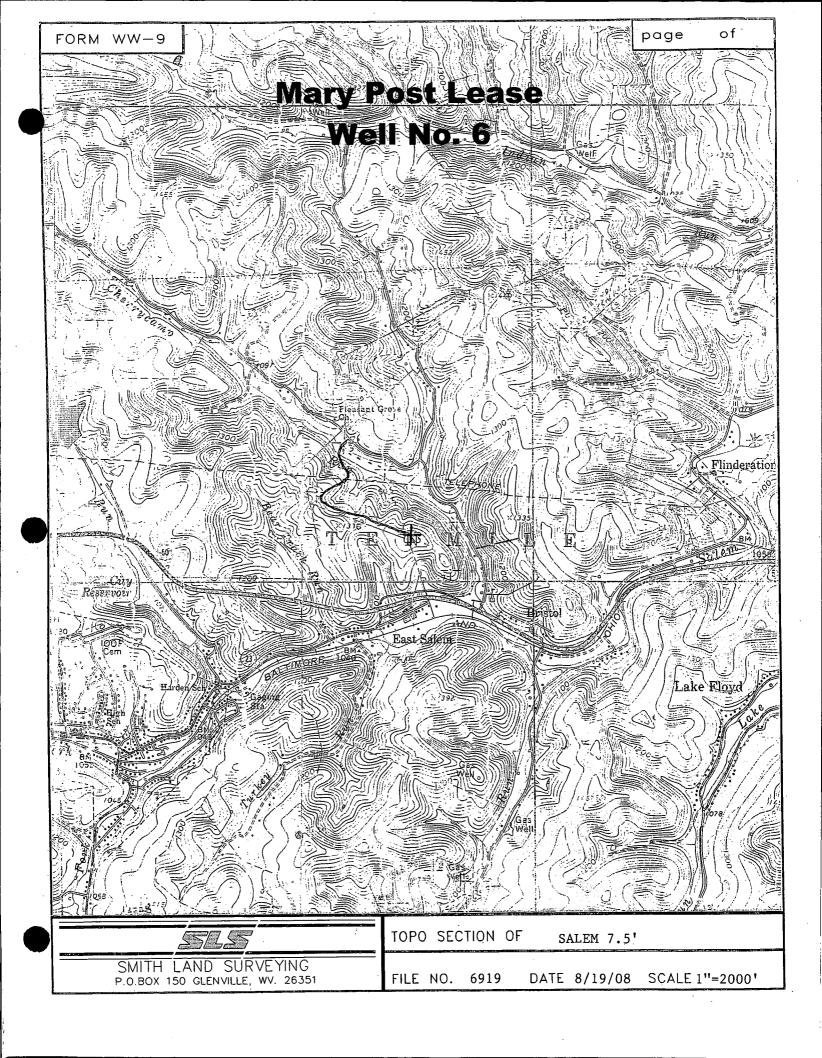
SMITH LAND SURVEYING, INC.

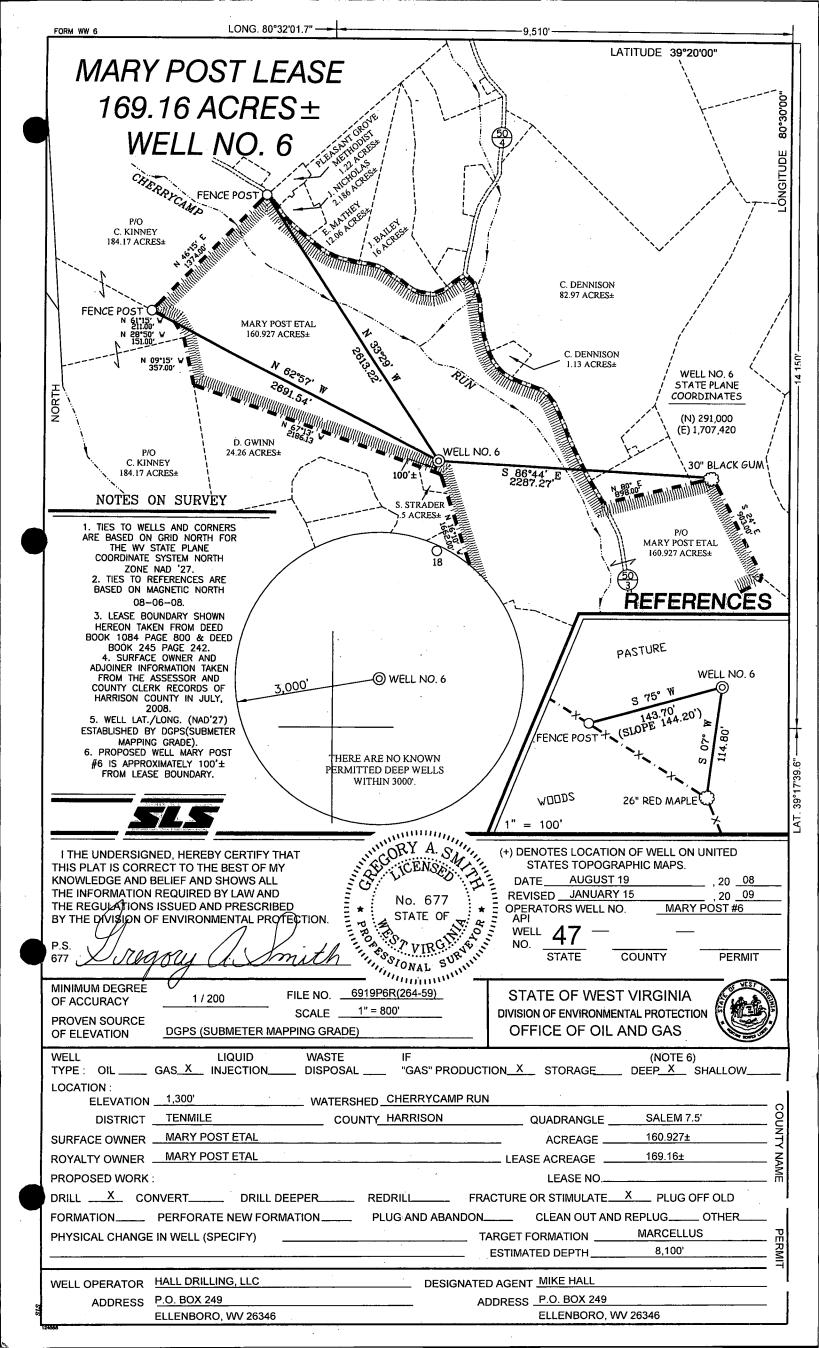
P.O. BOX 150, GLENVILLE, WV 26351

Phone (304) 462-5634 Fax 462-5656 email: sls@rtol.net

DRAWN BY CPM, DATE 9/24/08 FILE NO. 6919

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# **SURFACE OWNER WAIVER**

County _	HARRISON	Operat			Hall Drilling	(LC
		Operat	or well n	umber _	M. Put Do	<i>[</i>
•	INSTRUCTIONS	S TO SURFACE OW	NERS NA	MED ON PAGE	WW2-A	
appeared on the Sobe the only owne permits are valid for true owner immed  Chief, Office of Oil Department of Environment	WHERE TO FILE C	n three persons, the land or because you vive these materials.) o not own any interes	n these many actually See Chot in the sufficient the selled TO FILED TO FIL	aterials were se occupy the surfa apter 22 of the urface tract, plea operator and the E ANY COMME	erved on you bec ace tract. In eithe West Virginia C ase forward these e Office of Oil and ENT.	ause your name er case, you may ode. Well work materials to the
601 57 <sup>th</sup> St. SE Charleston, Wv 2	5304					
(304) 926-0450	/ /					
be filed in person be sure of the da handling. If you hat the planned work of Comment well operator's nar from the application The Chief 1) The property of the second of the comment of t	ater Testing Laborator o establish water quality VOLU tate that I have read the Vell Work Permit on Fore W2-B, a survey plat, as	oy the Chief's office by the Chief's office by the Well operator and rials, then the permit Your comments must the approximate local locuments, such as sor condition a well wor constitute a hazard to the control plan is not actly owned lands or responsed by the control plan is not actly owned lands or responsed in the control plan is not actly owned lands or responsed in the control plan is not actly owned lands or responsed in the control plan is not actly owned lands or responsed in the control plan is not actly owned lands or responsed in the control plan is not actly owned lands or responsed in the control plan is not actly owned lands or responsed in the control plan is not actly owned lands or responsed in the control plan is not actly owned lands of the control plan is not actly owned lands or responsed in the	after the first the time of adequal you have may be is set included cation of the cation of the safety dequate of sources, sources of a prince of a prince of a prince of a prince of a copy of the safety of a copy of the company of	ling date to file ye stated above. The delivery time is signed a "volume sued at any time your name, additionable or proposed we maps or photogroased on common persons." The complete of the order of the order of the order of the Chief to OBJECTION and that I have presented to proposed we consisting of page 1 for proposed we consiste the consisting of page 1 for proposed we consiste the consisting of page 1 for proposed we consiste the consisting of page 1 for proposed we consiste the consistency of the	your comments. You may call the or to arrange syntary statement of the dress and telephoral site including disaphs to support years on the following the dress of the dress and telephoral support years on the following the dress of the dres	Comments must Chief's office to becial expedited no objection" to one number, the strict and county our comments ing grounds:  Clation of one or or one or one of a Notice and including a work surface land as
I further st	ate that I have no object	tion to the planned w	ork descri	bed in these ma	terials, and I have	no objection to
FOR EXECUTION	ed on those materials. BY A NATURAL PERS		F Company	OR EXECUTION	N BY A CORPOR	ATION, ETC.
Mary X Fo	ture agent	Date 8-13-08	Name			
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Coal Owner Northicodion
Mary Post No. 6

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RECEIVED

Office of Oil & Gas

WW Department of Correction

Environmental Protection



August 15, 2009

VIA FAX

Mr. James Martin Chief, Office of Oil & Gas West Virginia Department of Environmental Protection 601 57<sup>th</sup> Street, SE Charleston, WV 25304

RE: Correction to American Mountaineer Energy, Inc.'s Renewed Objection to Hall Drilling, LLC, and Bluestone Energy Partners permit applications/permits for wells Mary Post #1 and Mary Post #7.

Dear Chief Martin,

One point I failed to make clear in my earlier letter of yesterday, August 14, 2009, renewing the objections of American Mountaineer Energy, Inc, ("AMEI") to the above referenced well permits and permit applications is the following. Based on the information in the permit applications, the proposed wells are <u>actually shallow wells</u> and therefore AMEI's objections should have been referred to the Shallow Gas Well Review Board pursuant to W. Va. Code 22-6-17 for the Board's consideration as required by W. Va. Code 22C-8-5.

Thank you for accepting AMEI's renewed objections to the aforementioned gas well permit applications and permits. Please contact me with any questions regarding our position.

Sincerely,

Jason D. Witt



August 14, 2009

#### VIA FAX AND CERTIFIED MAIL

Mr. James Martin Chief, Office of Oil & Gas West Virginia Department of Environmental Protection 601 57th Street, SE Charleston, WV 25304

RE: American Mountaincer Energy, Inc.'s Renewed Objection to Hall Drilling, LLC, and Bluestone Energy Partners permit applications/permits for wells Mary Post #1 and Mary Post #7.

Dear Chief Martin,

Pursuant to Chapter 22 and 22C of the West Virginia Code, American Mountaineer Energy, Inc. (AMEI) hereby renews and re-files its objections to the gas well drilling permit applications filed by Hall Drilling, LLC and Bluestone Energy Partners for wells Mary Post #1 and Mary Post #7, located in the Tenmile District, Harrison County, West Virginia. As the Lessee of the Pittsburgh #8 coal seam that will be penetrated by these two (2) proposed Marcellus formation wells, AMEI's objections are proper because the wells would penetrate the leased coal seam, and based on the mine plan, the wells, if drilled, would unduly interfere with the mine and potentially sterilize millions of tons of mineable coal.

We understand from your recent letter that the Division issued these permits and ignored or disregarded our earlier-filed objection based on what we believe is an error of law regarding the Division's authority. We hereby renew our objection to the permits and the permit applications, based on, among other grounds, the incorrect information in the permit applications. The Mary Post #1 and #7 well applications were submitted to your office by Bluestone Energy Partners and Hall Drilling, LLC as deep wells. However, any objections should be referred to the Shallow Gas Well Review Board pursuant to WV Code 22C-8-5.

Thank you for accepting AMEI's renewed objections to the aforementioned gas well drilling permit applications and permits. Please contact me with any questions regarding our position.

Coal oly on deep well

Sincerely,

Jason D. Witt

56854 Pleasant Ridge Road Alledonia, Ohio 43902 Ph: 740-926-1351 Fax: 740-926-9112

Ext.

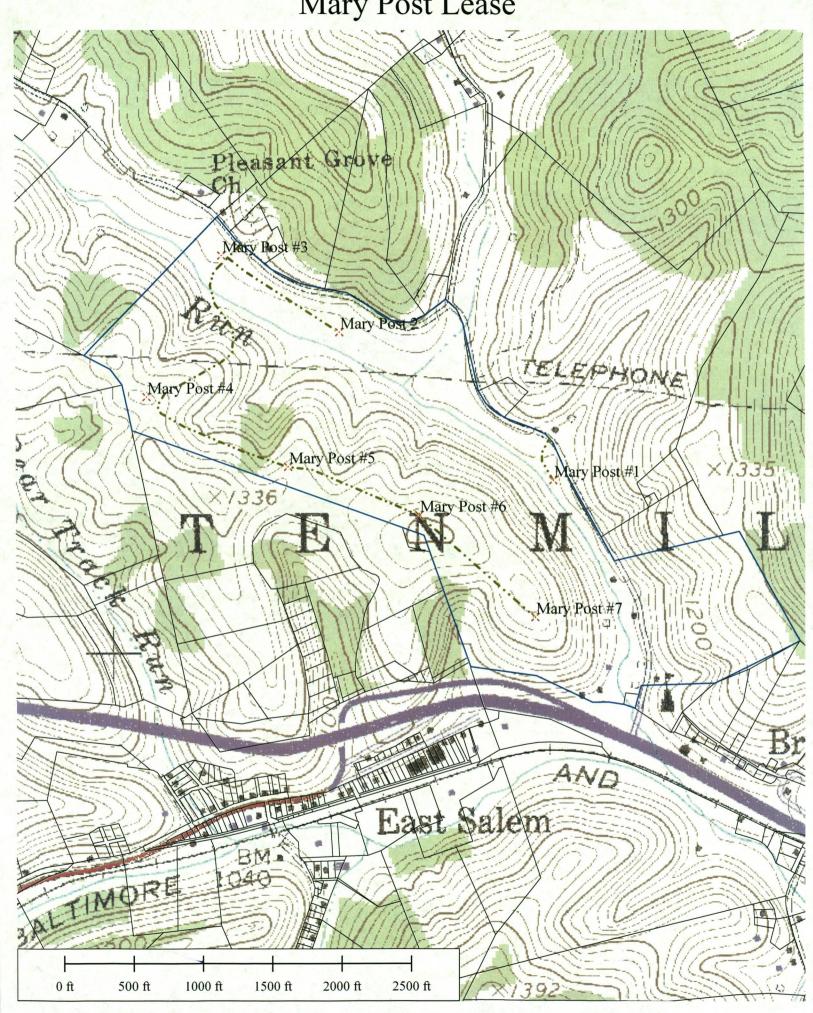


CHIEF, OFFICE OF OIL of GAS

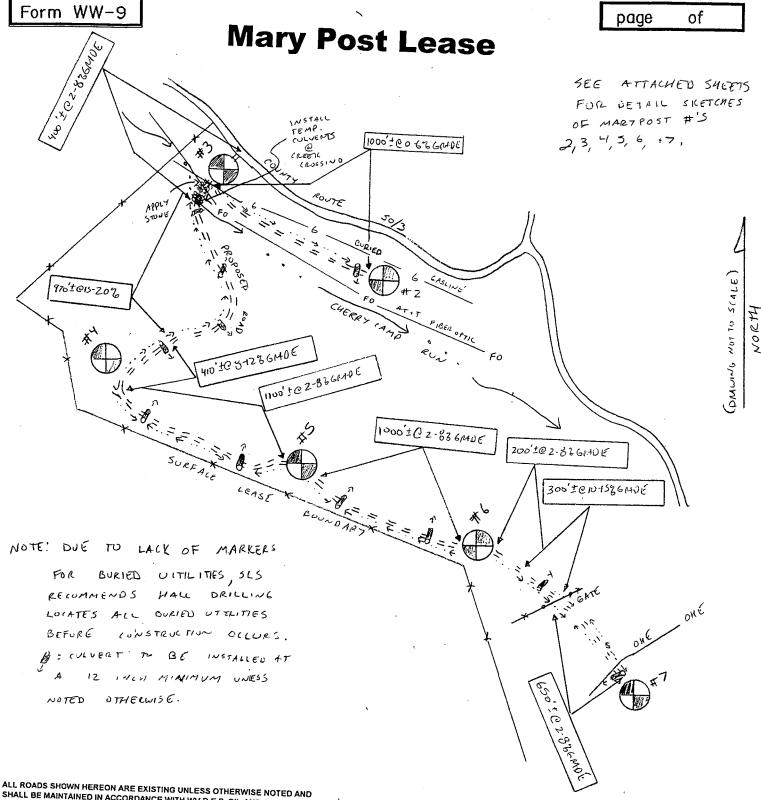
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and the state of t	
	Mary Post 1-47
	#1 applications rec'd by OOG
	no declaration of record
	\$2 comment period ended 2/20/09
	no declaration of record  #2 comment period ended 2/20/09  #3 declaration filed on 3/6
	Hearing before OGCC (w/i 3,000')
	Hy Flearing before OGCC (w/i 3,000')  deep Mare wells  Gran assured.
	Con Consider .
	# Permits issued on 5/29 for #1-6
	2/23 for #7
	# 5 Objections were Rec'd after permits
	- fuere issued.
-	
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# Mary Post Lease



dace Drilling 613-2790 Cert. Hace m. Pest V. Tetrick Commission Fran: Cray Rosa 5,5 Reuspaper Chep



SHALL BE MAINTAINED IN ACCORDANCE WITH WY D.E.P. OIL AND GAS BMP MANUAL ENTRANCES AT COUNTY/STATE ROADS SHALL BE MAINTAINED IN ACCORDANCE WITH WY D.O.T. REGULATIONS. SEPARATE PERMITS MAY BE REQUIRED BY THE D.O.T.

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CUT & STACK ALL MARKETABLE TIMBER.

STACK BRUSH BELOW LOCATION FOR SEDIMENT CONTROL.



SMITH LAND SURVEYING, INC.

P.O. BOX 150, GLENVILLE, WV 26351

Phone (304) 462-5634 Fax 462-5656 email: sls@rtol.net

DRAWN BY C.P.M. DATE 8/24/00 FILE NO. 6919 <u>Lease Name</u>: Mary Post Lease

Acreage: 169.16 Acres +/-

Well: Well No.1

<u>Distance from nearest lease line</u>: approximately 100 feet (as shown on plat)

# Permitted Deep Wells within 3000':

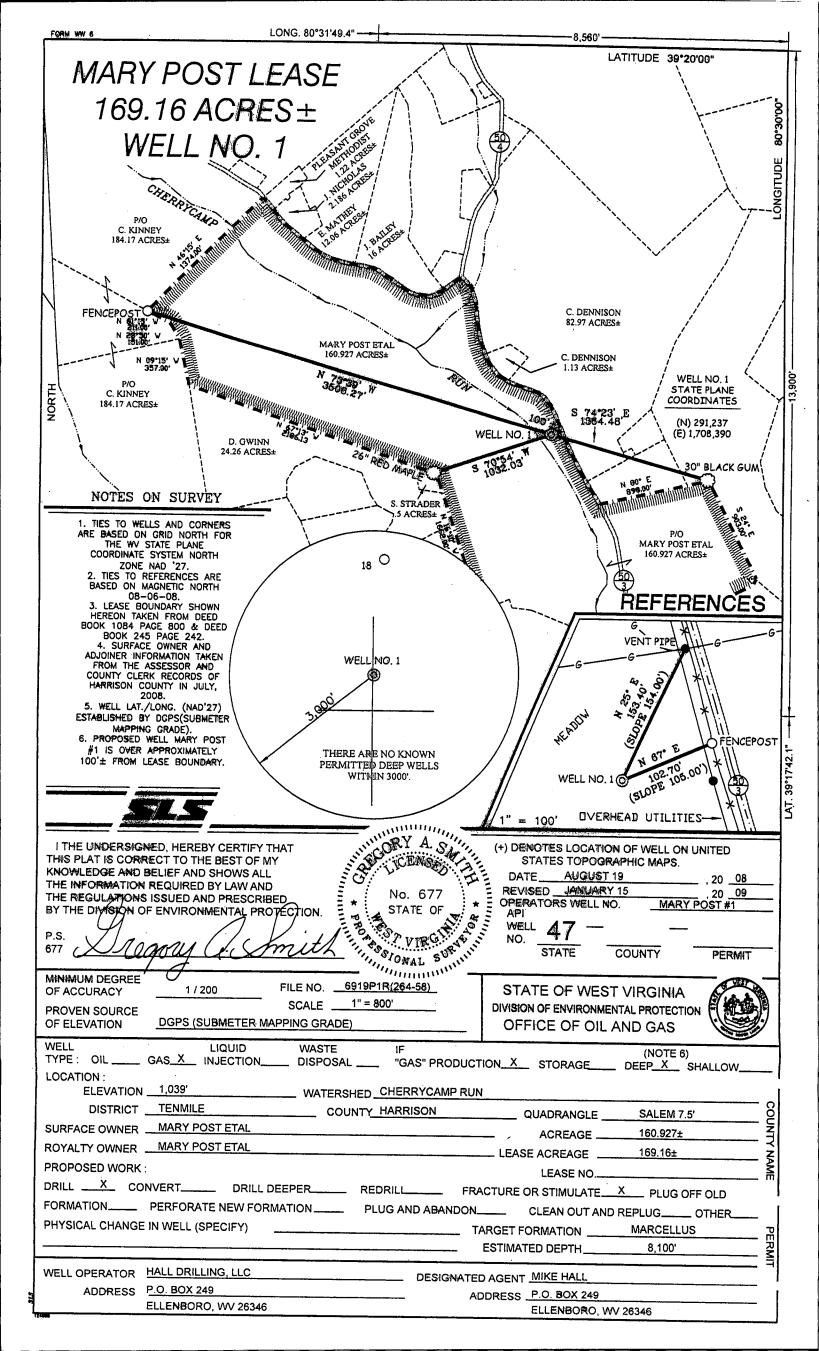
1. Permit # 47-033-05211 (Hall Drilling *Mary Post #7*)

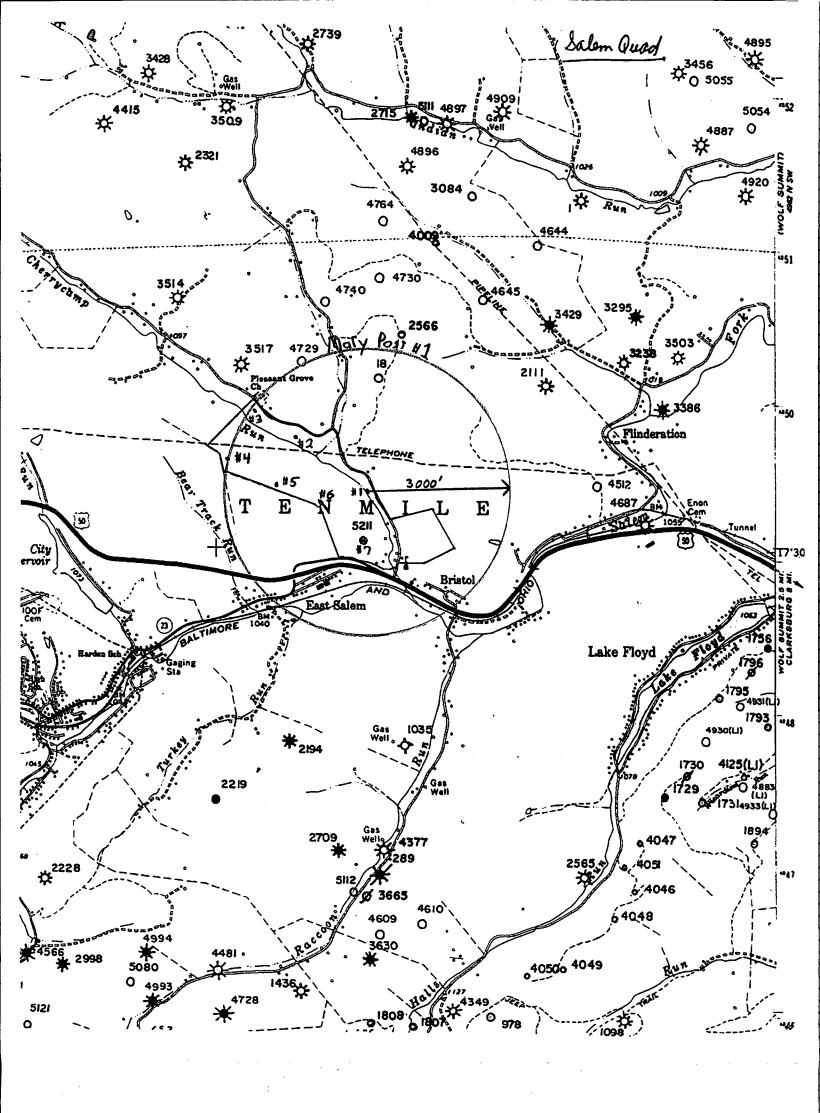
# Proposed Deep Wells within 3000':

- 1. Proposed Well (Hall Drilling Mary Post #2)
- 2. Proposed Well (Hall Drilling Mary Post #3)
- 3. Proposed Well (Hall Drilling *Mary Post #4*)
- 4. Proposed Well (Hall Drilling Mary Post #5)
- 5. Proposed Well (Hall Drilling Mary Post #6)

Applying for a deep well permit to drill with 100 feet into the Onondaga per code

Hall Drilling has no issue drilling within the 3000 feet of our own wells as per those wells listed above in relationship to the proposed Mary Post No. 1.





Needs Order 197-190

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